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Ministry
of the
Environment

Water Resources
Bulletin 2 – 200
Ground water series

Hon. Keith C. Norton, *Minister*
Graham W. S. Scott, Q.C., *Deputy Minister*

**FLOWING WELLS
IN ONTARIO
1946–1976**



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WATER RESOURCES
BULLETIN NO. 2-200
GROUND WATER SERIES

FLOWING WELLS IN ONTARIO
1946-1976

MINISTRY OF THE ENVIRONMENT
WATER RESOURCES BRANCH
TORONTO, ONTARIO
1981

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WATER RESOURCES DIVISION
OTTAWA, CANADA

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WATER RESOURCES DIVISION
OTTAWA, CANADA
1987

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INTRODUCTION

The Ontario Ministry of the Environment (MOE) has prepared a series of maps that indicate the locations of flowing wells and depths to their water-bearing formations. These maps are designed to assist water-well drillers in determining the occurrences of flowing wells prior to drilling so that precautionary measures can be taken to control potential flows. The locations and densities of flowing wells can be used as a general indication of the likely occurrence of flows in wells that are drilled to similar depths as existing flowing wells in specific areas.

The entire series of flowing well maps for Ontario is reproduced in this publication. Flowing wells were plotted on 1:50,000 National Topographic Series (NTS) map sheets, and these maps were then photoreduced by 50%. Because of the density of wells in some areas and the quality of the original base maps and subsequent reductions, some of the maps appearing herein are of poor quality, lacking in clarity and definition. If further assistance is needed in determining the probability of flows in new wells, a hydrogeologist in the appropriate MOE Region may be contacted. The original, full-size map sheets are available at all MOE Regional Offices (see pages 4, 5) for public viewing.

The flowing well data shown on the maps are current as of June 1976. The well locations and depths to water-bearing formations have been obtained from water-well records submitted to the MOE by individual water-well drillers as required by Section 40 of The Ontario Water Resources Act. Also, for maps 134, 135, 152 and 153, data were obtained from Charron's work on ground-water flows in Russell County¹. All water-well records on file with the MOE are also available for public scrutiny at the Region Offices. As well, water-well record information for most of the Province has been published in the series of publications listed on page 210. Data on flowing wells may be obtained by direct reference to these publications.

It should be noted that all recorded flowing wells have not been plotted in areas of high well densities; any NTS map sheet that contains less than five flowing wells is not published. Index maps for the available map sheets appear on pages 2 and 3. A listing of all map sheets, with a count of the number of wells plotted on each sheet, appears on pages 6-9. On Page 10, a statistical table provides numbers, percentages and rankings of flowing wells, by each County in the Province.

1 Charron, J. E., 1974, A study of groundwater flow in Russell County, Ontario; Env. Can., Int. Wtrs. Dir., Sc. Series No. 40.

INDEX MAP

FLOWING WELLS IN NORTHERN ONTARIO

as of June 1976

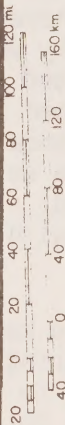
currently available 1:50,000 map
sheet showing 5 or more flowing wells

map sheet with fewer than 5
flowing wells (map not produced)

515



AREA
NOT
SURVEYED



Kenora Island
Kenora Lake

515

Sixty Lake

Kenora

Steep Rock Lake

Fort Frances

345

346

356

326

THUNDER BAY

COCHRAIN

468

436

437

296

262

233

234

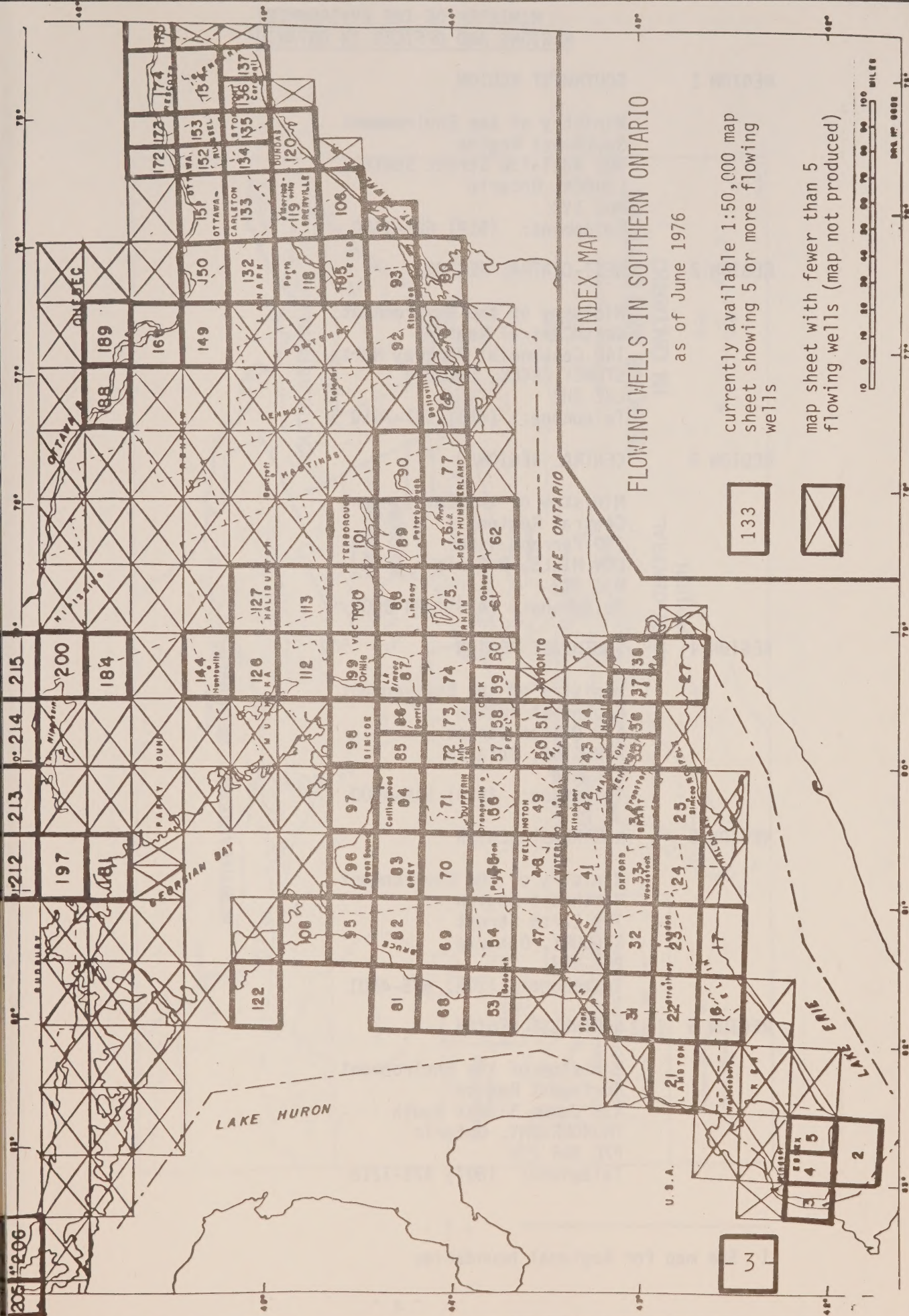
219

MINNESOTA

SUPERIOR

JAMES BAY

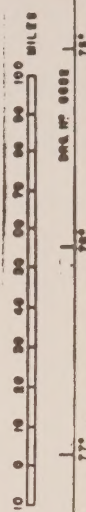
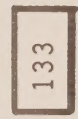
2



INDEX MAP
FLOWING WELLS IN SOUTHERN ONTARIO
as of June 1976

currently available 1:50,000 map
sheet showing 5 or more flowing
wells

map sheet with fewer than 5
flowing wells (map not produced)



MINISTRY OF THE ENVIRONMENT
REGIONS AND OFFICES IN ONTARIO¹

REGION 1	SOUTHWEST REGION Ministry of the Environment Southwest Region 985 Adelaide Street South LONDON, Ontario M6E 1V3 Telephone: (519) 681-3600
REGION 2	WEST-CENTRAL REGION Ministry of the Environment West-Central Region 140 Centennial Parkway North STONEY CREEK, Ontario L8E 3H2 Telephone: (416) 561-7410
REGION 3	CENTRAL REGION Ministry of the Environment Central Region 150 Ferrand River DON MILLS, Ontario M3C 3C3 Telephone: (416) 424-3000
REGION 4	SOUTHEAST REGION Ministry of the Environment Southeast Region 133 Dalton Street KINGSTON, Ontario K7L 4X6 Telephone: (613) 549-4000
REGION 5	NORTHEAST REGION Ministry of the Environment Northeast Region 199 Larch Street SUDBURY, Ontario P3E 5P9 Telephone: (705) 675-4501
REGION 6	NORTHWEST REGION Ministry of the Environment Northwest Region 435 James Street South THUNDER BAY, Ontario P7C 5G6 Telephone: (807) 475-1215

1 See map for Regional boundaries

SUMMARY OF FLOWING WELLS BY MAP SHEETS AND MUNICIPALITIES

FLOWING WELL MAP NUMBER	NTS MAP SHEET NUMBER	NTS MAP SHEET NAME	# FLOWING WELLS PLOTTED ON MAP SHEET	MUNICIPALITY ON MAP SHEET	# FLOWING WELLS PLOTTED IN MUNICIPALITY
2	40 G 15	Pelee Island	11	Essex	11
3	40 J 3	Amherstberg	11	Essex	11
4	40 J 2 W	Essex West	51	Essex	51
5	40 J 2 E	Essex East	19	Essex	19
16	40 I 12	Bothwell		Elgin	2
			13	Lambton	9
				Middlesex	2
17	40 I 11	Port Stanley	19	Elgin	19
21	40 J 16	Sarnia	5	Lambton	5
22	40 I 13	Strathroy	13	Middlesex	6
				Lambton	7
23	40 I 14	St. Thomas	19	Middlesex	17
				Elgin	2
24	40 I 15	Tillsonburg		Norfolk	2
			22	Elgin	8
				Middlesex	3
				Oxford	9
25	40 I 16	Simcoe	28	Norfolk	26
				Haldimand	2
27	30 L 14	Welland	15	Niagara	15
31	40 P 4	Parkhill	13	Lambton	5
				Middlesex	8
32	40 P 3	Lucan	16	Middlesex	14
				Perth	2
33	40 P 2	Woodstock	73	Oxford	71
				Brant	2
34	40 P 1	Brantford	25	Brant	21
				Wentworth	4
35	30 M 4 W	Grimsby West	13	Wentworth	13
36	30 M 4 E	Grimsby East	5	Niagara	5
37	30 M 3 W	Niagara West	14	Niagara	14
38	30 M 3 E	Niagara East	16	Niagara	16
41	40 P 7	Stratford		Oxford	41
			84	Waterloo	34
				Perth	9
42	40 P 8	Galt		Waterloo	26
			55	Wentworth	13
				Brant	11
				Wellington	5
43	30 M 5 W	Hamilton West	27	Halton	14
				Wentworth	13
47	40 P 11	Seaforth	24	Huron	13
				Perth	11
48	40 P 10	Conestogo	26	Wellington	26

Con't: Flowing Well Map Sheets

FLOWING WELL MAP NUMBER	NTS MAP SHEET NUMBER	NTS MAP SHEET NAME	# FLOWING WELLS PLOTTED ON MAP SHEET	MUNICIPALITY ON MAP SHEET	# FLOWING WELLS PLOTTED IN MUNICIPALITY
49	40 P 9	Guelph	55	Wellington	45
				Waterloo	8
				Halton	2
50	30 M 12 W	Brampton West	50	Halton	36
				Peel	14
51	30 M 12 E	Brampton East		Peel	22
			30	Halton	7
				York	1
53	40 P 13	Lucknow	5	Huron	5
54	40 P 14	Wingham	27	Huron	24
				Bruce	3
55	40 P 15	Palmerston	11	Wellington	10
				Perth	1
56	40 P 16	Orangeville	59	Dufferin	44
				Wellington	13
				Peel	2
57	30 M 13 W	Bolton West	34	Peel	34
58	30 M 13 E	Bolton East	44	York	39
				Peel	5
59	30 M 14 W	Markham West	154	York	154
60	30 M 14 E	Markham East	49	Ontario	32
				York	17
61	30 M 15	Oshawa	63	Durham	38
				Ontario	25
62	30 M 16	Port Hope	26	Durham	14
				Northumberland	12
68	41 A 4	Kincardine	38	Bruce	36
				Huron	2
69	41 A 3	Walkerton	39	Bruce	35
				Grey	4
70	41 A 2	Durham	35	Grey	35
71	41 A 1	Dundalk	9	Dufferin	5
				Grey	4
72	31 D 4 W	Alliston West	41	Simcoe	41
73	31 D 4 E	Alliston East	125	Simcoe	83
				York	42
74	31 D 3	Newmarket	136	York	108
				Ontario	28
75	31 D 2	Scugog		Ontario	11
			36	Victoria	12
76	31 D 1	Rice Lake	104	Durham	47
				Northumberland	42
				Peterborough	15
77	31 C 4	Trenton	28	Northumberland	25
				Hastings	3

Con't: Flowing Well Map Sheets

FLOWING WELL MAP NUMBER	NTS MAP SHEET NUMBER	NTS MAP SHEET NAME	# FLOWING WELLS PLOTTED ON MAP SHEET	MUNICIPALITY ON MAP SHEET	# FLOWING WELLS PLOTTED IN MUNICIPALITY
78	31 C 3	Belleville	23	Hastings	18
				Prince Edward	4
				Lennox & Addington	1
79	31 C 2	Bath	9	Lennox & Addington	6
				Frontenac	3
80	31 C 1	Wolfe Island	7	Frontenac	7
81	41 A 5	Tiverton	8	Bruce	8
82	41 A 6	Chesley	17	Bruce	17
83	41 A 7	Markdale	22	Grey	22
84	41 A 8	Collingwood	33	Simcoe	23
				Grey	10
85	31 D 5 W	Barrie West	63	Simcoe	63
86	31 D 5 E	Barrie East	155	Simcoe	154
				York	1
87	31 D 6	Beaverton	62	Simcoe	31
				York	25
				Ontario	6
88	31 D 7	Lindsay	38	Victoria	37
				Durham	1
89	31 D 8	Peterborough	59	Peterborough	57
				Victoria	1
				Durham	1
90	31 C 5	Campbellford	11	Hastings	6
				Northumberland	4
92	31 C 7	Sydenham	21	Peterborough	1
				Frontenac	16
93	31 C 8	Gananoque	28	Lennox & Addington	5
				Leeds	17
94	31 B 5	Mallorytown	10	Frontenac	11
95	41 A 11	Warton	21	Leeds	10
				Bruce	20
96	41 A 10	Owen Sound	17	Grey	1
97	41 A 9	Nottawasaga	28	Grey	17
				Simcoe	17
98	31 D 12	Elmvale	26	Grey	11
99	31 D 11	Orillia	34	Simcoe	26
				Simcoe	32
100	31 D 10	Fenelon Falls	10	Victoria	2
				Victoria	8
101	31 D 9	Burleigh Falls	5	Peterborough	2
105	31 C 9	Westport	19	Peterborough	5
				Leeds	18
106	31 B 12	Brockville	41	Lanark	1
				Leeds	27
				Grenville	14
108	41 A 14	Cape Crocker	46	Bruce	45
				Grey	1

Con't: Flowing Well Map Sheets

FLOWING WELL MAP NUMBER	NTS MAP SHEET NUMBER	NTS MAP SHEET NAME	# FLOWING WELLS PLOTTED ON MAP SHEET	MUNICIPALITY ON MAP SHEET	# FLOWING WELLS PLOTTED IN MUNICIPALITY
112	31 D 14	Gravenhurst	5	Muskoka	5
113	31 D 15	Minden	10	Haliburton	8
				Peterborough	1
				Victoria	1
118	31 C 16	Perth	27	Leeds	14
				Lanark	13
119	31 B 13	Merrickville	78	Grenville	50
				Lanark	16
				Leeds	7
				Ottawa-Carleton	5
120	31 B 14	Morrisburg	25	Dundas	17
				Grenville	8
122	41 H 4	Dorcas Bay	10	Bruce	10
126	31 E 3	Bracebridge	6	Muskoka	6
127	31 E 2	Haliburton	15	Haliburton	15
132	31 F 1	Carleton Place	23	Lanark	22
				Ottawa-Carleton	1
133	31 G 4	Kemptville	93	Ottawa-Carleton	91
				Lanark	2
134	31 G 3 W	Winchester West	35	Ottawa-Carleton	18
				Dundas	9
				Russell	8
135	31 G 3 E	Winchester East	5	Stormont	4
				Dundas	1
136/137	31 G 2	Cornwall	19	Stormont	15
				Glengarry	4
144	31 E 6	Huntsville	14	Muskoka	14
149	31 F 7	Renfrew	13	Renfrew	13
150	31 F 8	Arnprior	40	Ottawa-Carleton	27
				Lanark	9
				Renfrew	4
151	31 G 5	Ottawa	111	Ottawa-Carleton	111
152	31 G 6 W	Russell West	50	Russell	42
				Ottawa-Carleton	8
153	31 G 6 E	Russell East	41	Russell	41
154	31 G 7	Alexandria	12	Glengarry	11
				Prescott	1
168	31 F 10	Cobden	19	Renfrew	19
172/173	31 G 11	Thurso	13	Russell	11
				Ottawa-Carleton	2
174	31 G 10	Hawkesbury	8	Prescott	8
175	31 G 9	Lachute	6	Prescott	6
181	41 H 15	Key Harbour	9	Parry Sound	9
184	31 E 14	South River	16	Parry Sound	16
188	31 F 14	Pembroke	9	Renfrew	9
189	31 F 15	Fort Coulonge	7	Renfrew	7
197	41 I 2	Delamere	5	Sudbury	5
200	31 L 3	Powassan	15	Parry Sound	8
				Nipissing	7

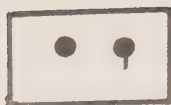
Con't: Flowing Well Map Sheets

FLOWING WELL MAP NUMBER	NTS MAP SHEET NUMBER	NTS MAP SHEET NAME	# FLOWING WELLS PLOTTED ON MAP SHEET	MUNICIPALITY ON MAP SHEET	# FLOWING WELLS PLOTTED IN MUNICIPALITY
205	41 K 8 E	Lake George	60	Algoma	60
206	41 J 5	Bruce Mines	10	Algoma	10
212	41 I 7	Coniston	22	Sudbury	22
213	41 I 8	Verner	14	Nipissing	10
				Sudbury	4
214	31 L 5	Sturgeon Falls	6	Nipissing	6
215	31 L 6	North Bay	10	Nipissing	10
219	41 K 9 W	Sault Ste. Marie W	116	Algoma	116
220	41 K 9 E	Sault Ste. Marie E	25	Algoma	25
233	41 K 15	Pancake Bay	39	Algoma	39
234	41 K 16	Searchmount	60	Algoma	60
282	31 M 12	New Liskeard	45	Timiskaming	45
296	31 M 13	Englehart	5	Timiskaming	5
326	52 A 6	Thunder Bay	11	Thunder Bay	11
345	52 D 9	Pinewood	12	Rainy River	12
346	52 C 12	Emo	31	Rainy River	31
356	52 A 10	Loon	6	Thunder Bay	6
436	42 H 2	Abitibi	8	Cochrane	8
437	42 H 3	Cochrane	8	Cochrane	8
468	42 G 8	Kapuskasing	15	Cochrane	15
515	52 F 15	Dryden	14	Kenora	14
TOTAL			3889		

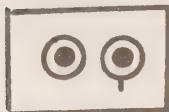
FLOWING WELL STATISTICS BY COUNTIES

COUNTY	NUMBER OF FLOWING WELLS	ONTARIO RANK	% OF TOTAL IN ONTARIO
Algoma	428	3	8.2
Brant	36	34	0.7
Bruce	192	5	3.7
Ottawa-Carleton	317	4	6.1
Cochrane	79	18	1.5
Dufferin	71	20	1.4
Dundas	33	41	0.6
Durham	154	6	3.0
Elgin	36	35	0.7
Essex	136	9	2.6
Frontenac	50	31	1.0
Glengarry	15	49	0.3
Grenville	110	13	2.1
Grey	141	8	2.7
Haldimand	2	53	0.0
Haliburton	27	44	0.5
Halton	54	28	1.0
Hastings	34	38	0.7
Huron	57	25	1.1
Kenora	34	39	0.7
Kent	5	52	0.1
Lambton	32	43	0.6
Lanark	73	19	1.4
Leeds	98	14	1.9
Lennox & Addington	17	48	0.3
Niagara	56	27	1.1
Manitoulin	11	50	0.2
Middlesex	64	23	1.2
Muskoka	35	36	0.7
Nipissing	39	33	0.8
Norfolk	35	37	0.7
Northumberland	118	12	2.3
Ontario	128	10	2.5
Oxford	147	7	2.8
Parry Sound	46	32	0.9
Peel	92	15	1.8
Perth	24	45	0.5
Peterborough	91	16	1.8
Prescott	19	47	0.4
Prince Edward	7	51	0.1
Rainy River	53	29	1.0
Renfrew	68	21	1.3
Russell	33	40	0.6
Simcoe	668	2	12.8
Stormont	22	46	0.4
Sudbury	56	26	1.1
Thunder Bay	32	42	0.6
Timiskaming	66	22	1.3
Victoria	62	24	1.2
Waterloo	121	11	2.3
Wellington	91	17	1.8
Wentworth	52	30	1.0
York	721	1	13.9
	5188	of 53	100. %

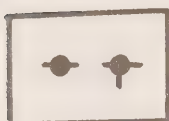
STANDARD MAP LEGEND



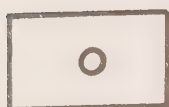
Overburden, bedrock, flowing well supplying water for small water requirements such as domestic and stock purposes



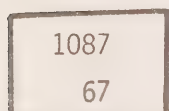
Overburden, bedrock, flowing well supplying water for large water requirements such as municipal, irrigation, and industrial purposes



Overburden, bedrock, flowing well without well number; taken from field investigation data by J. E. Charron (1974)¹
(only on maps 134, 135, 152, 153)



Flowing well without well number or geologic data; taken from field investigation data by J.E. Charron (1974)¹(only on maps 134, 135, 152, 153)

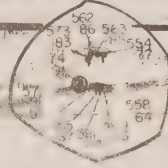


Well Number (Ministry of the Environment Water Well Record Number)
Depth to water-bearing formation from ground surface (in feet).



Circles around flowing wells or groups of flowing wells serve only to highlight the locations of these wells.

¹ Charron, J. E., 1974, A study of groundwater flow in Russell County, Ontario; Env. Can., Int. Wtrs. Dir., Sc. Series No. 40.



CONCESSION

L A K E

LS

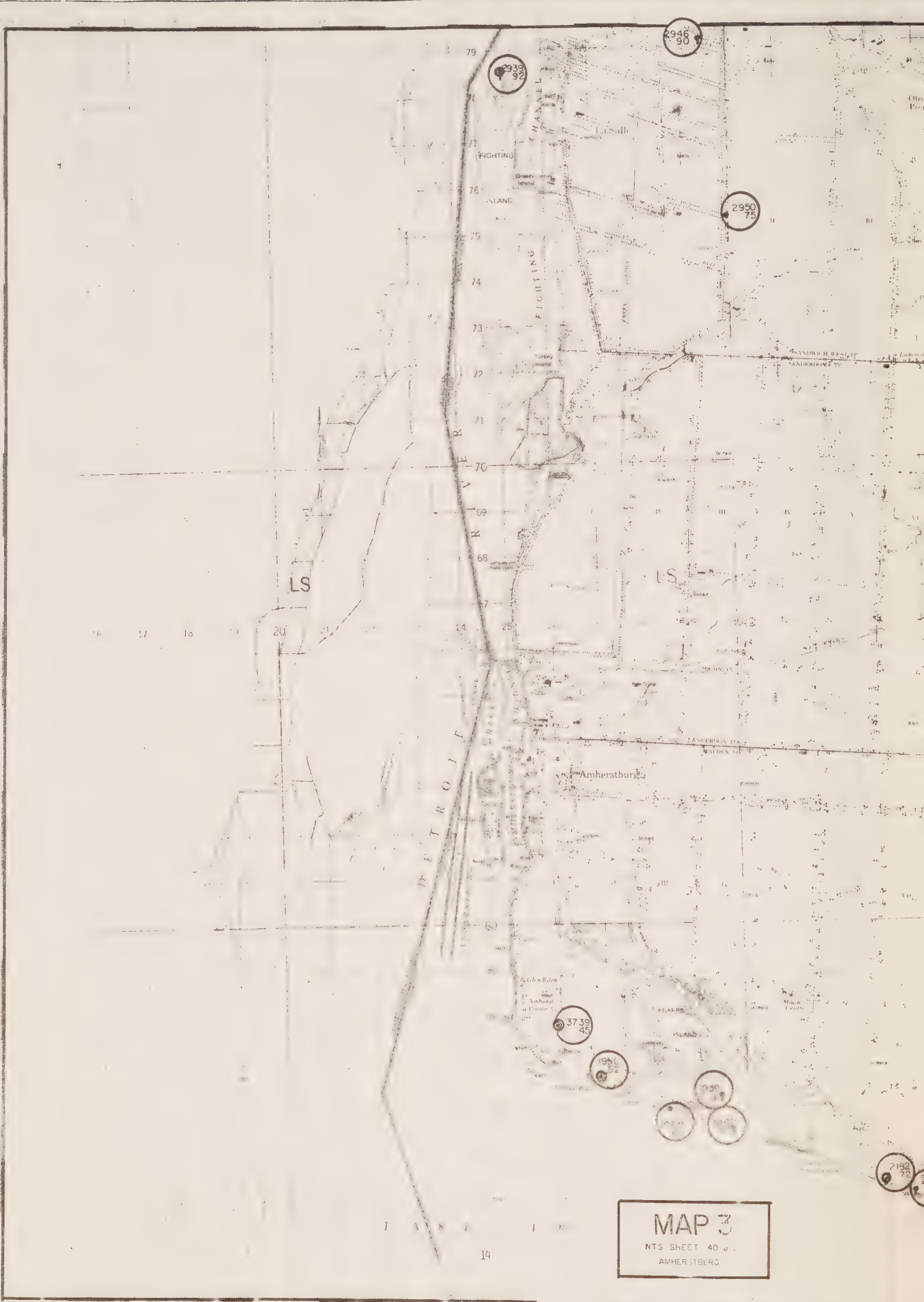
Quinn's Island

East Sister Island

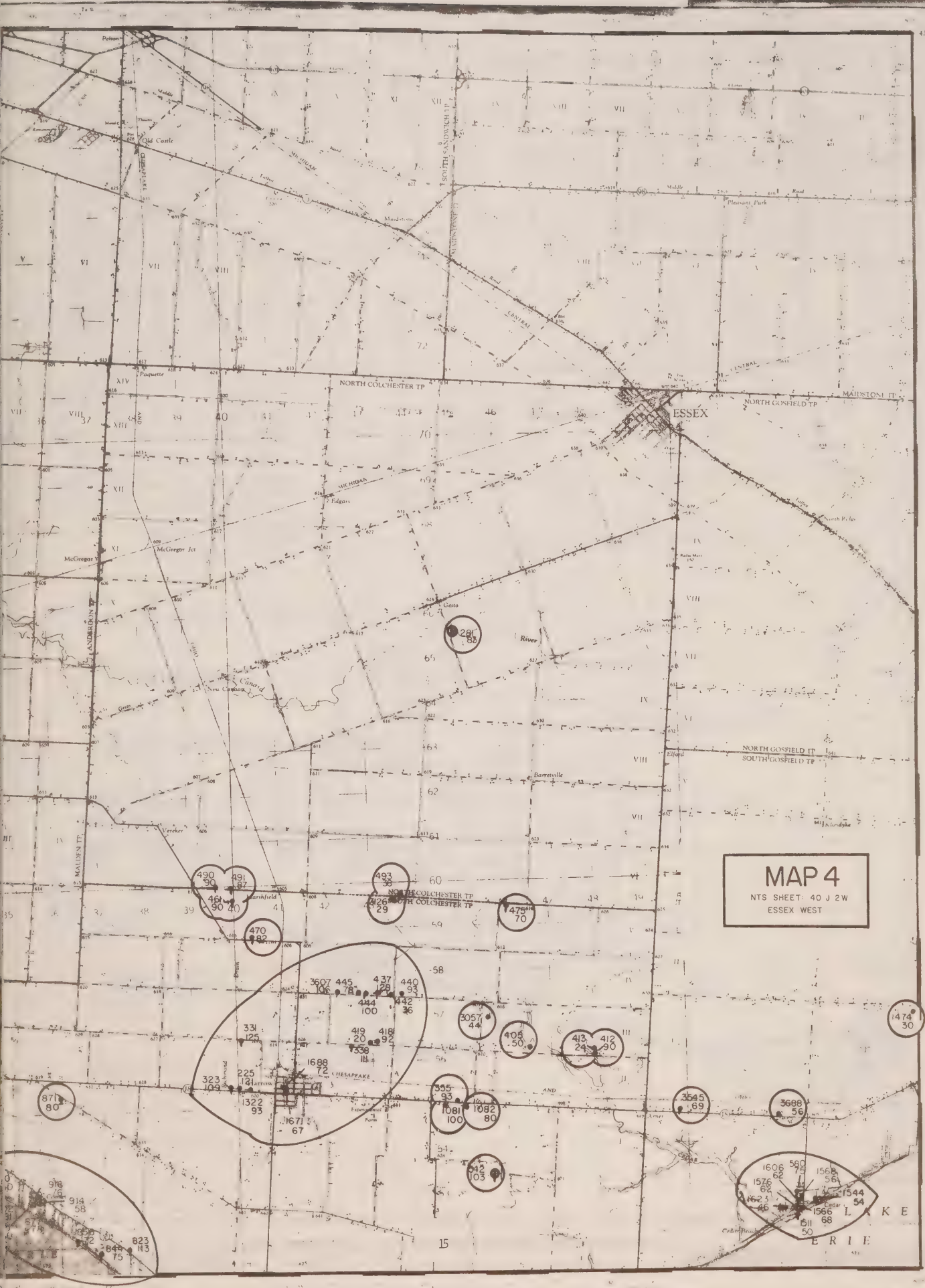
MAP 2

NTS SHEET: 40 G 15
PELEE ISLAND

13



MAP 3
NTS SHEET 40 v.
AMHERSTBURG

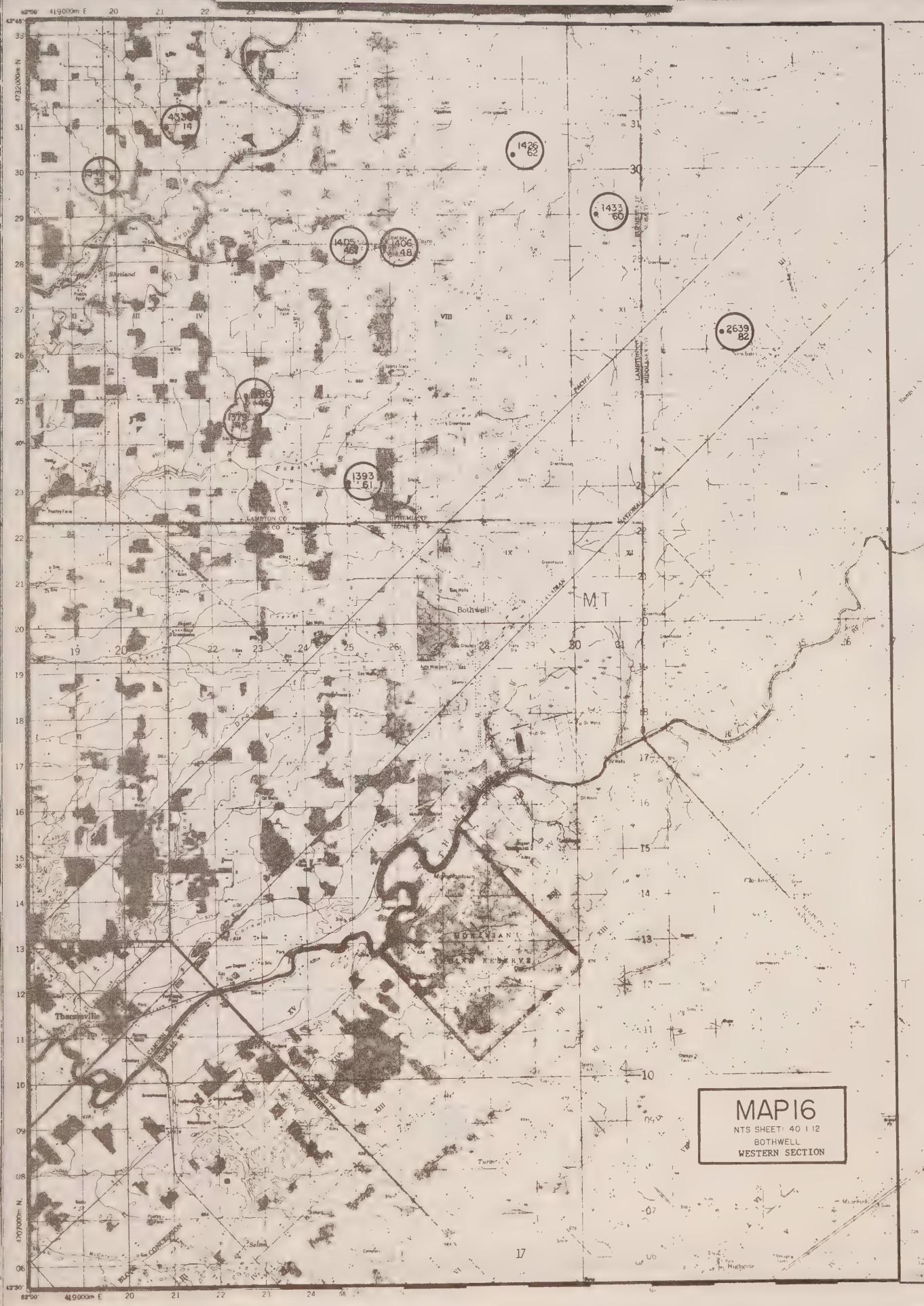


MAP 4
NTS SHEET: 40 J 2W
ESSEX WEST



MAP5

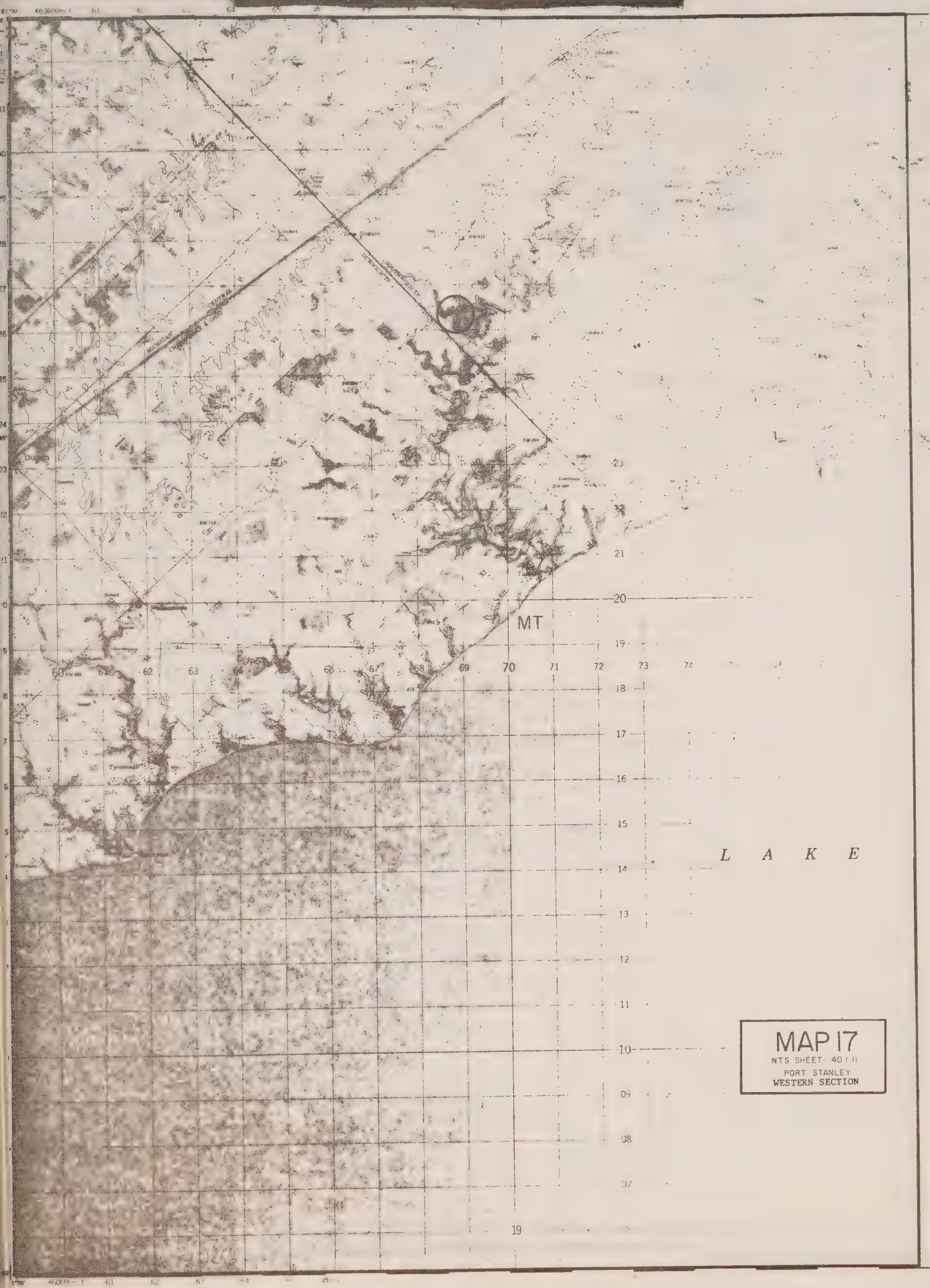
NTS SHEET: 40 J 2E
ESSEX EAST



MAP 16
NTS SHEET: 40 1 12
BOTHWELL
WESTERN SECTION

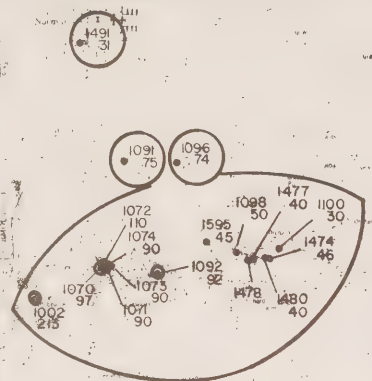


MAP I6
NTS SHEET: 40 I 12
BOTHWELL
EASTERN SECTION



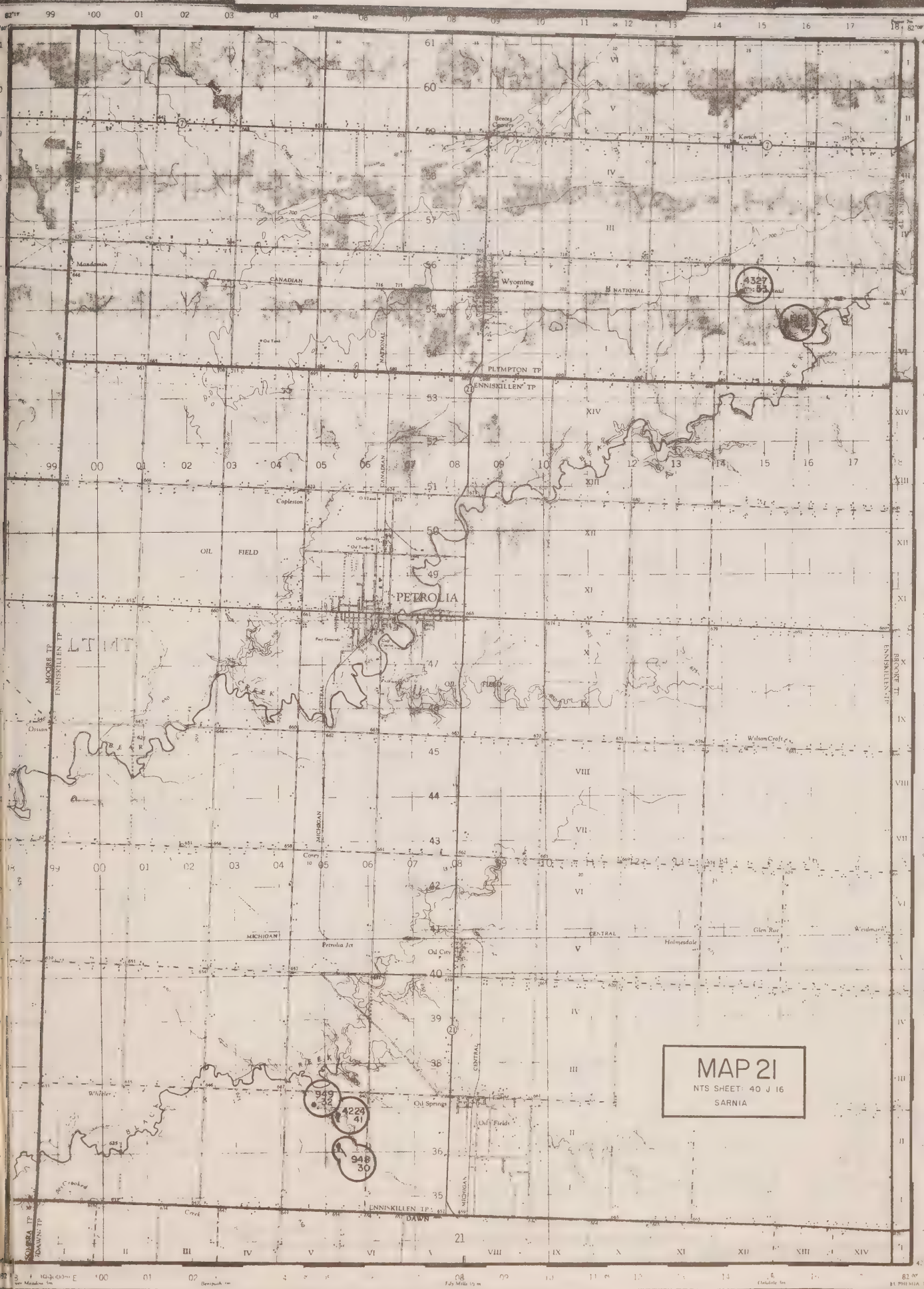
MAP 17

NTS SHEET. 40111
PORT STANLEY
WESTERN SECTION



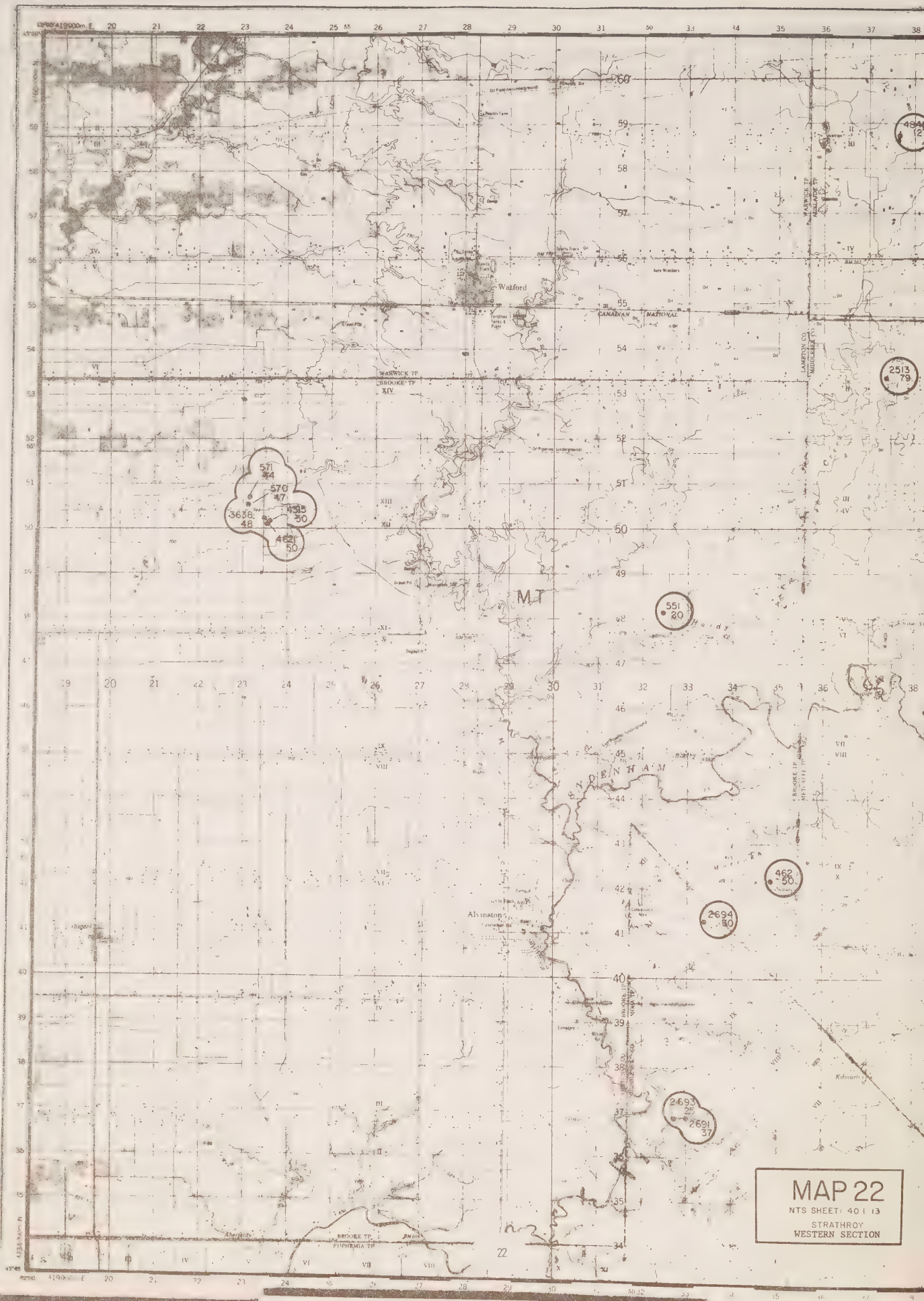
E R I E

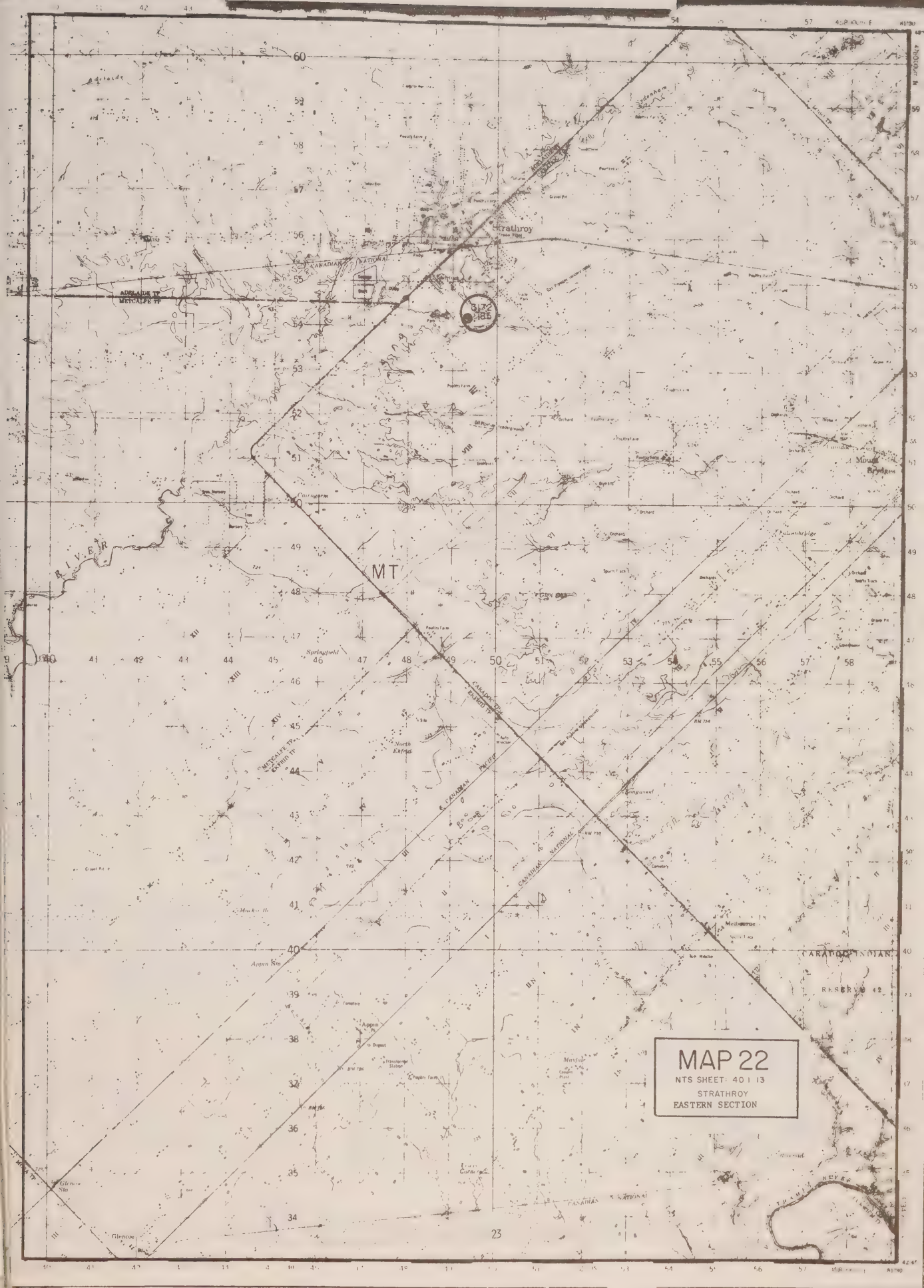
MAP 17
NTS SHEET: 40111
PORT STANLEY
EASTERN SECTION



MAP 21

NTS SHEET: 40 J 16
SARNIA





LONDON

MT

ST-THOMAS

MAP 23

NTS SHEET 40 1 14

ST-THOMAS
WESTERN SECTION





MAP 24
NTS SHEET: 40 1 5
TILLSONBURG
WESTERN SECTION



MAP 24

NTS SHEET: 40 1 15

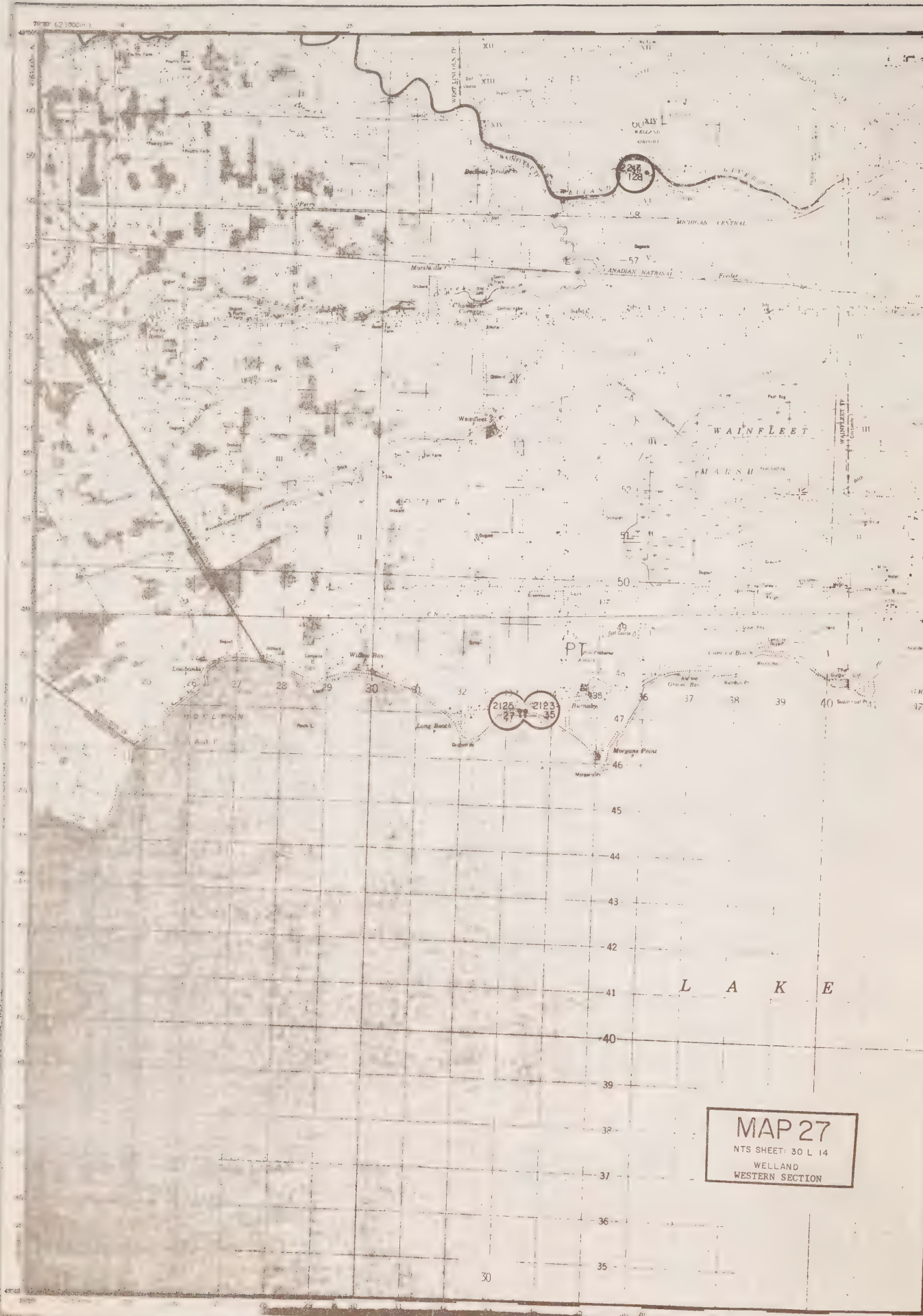
TILLSONBURG
EASTERN SECTION



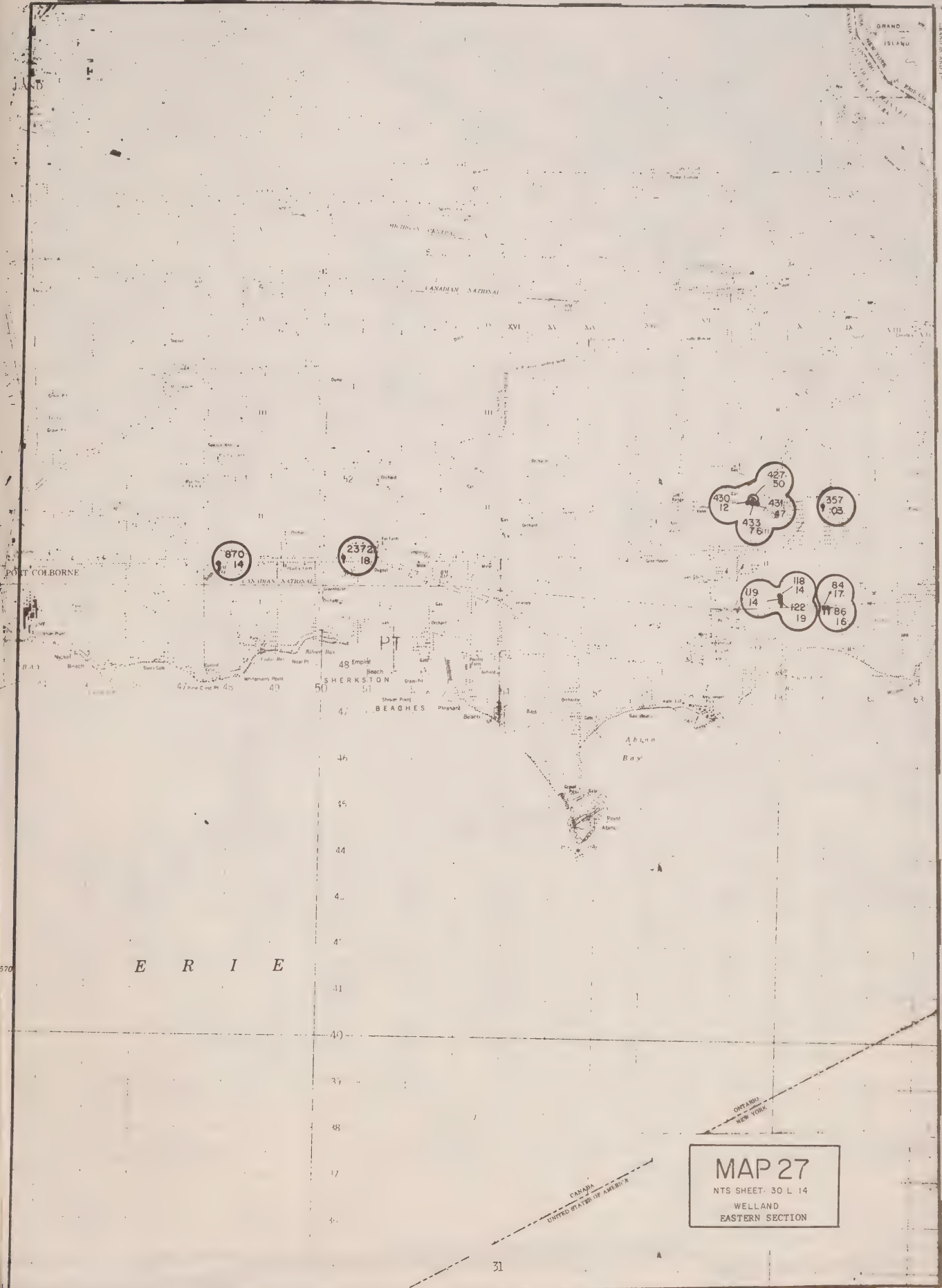
MAP 25

N'S SHEET 43 16
SIMCOE
WESTERN SECTION



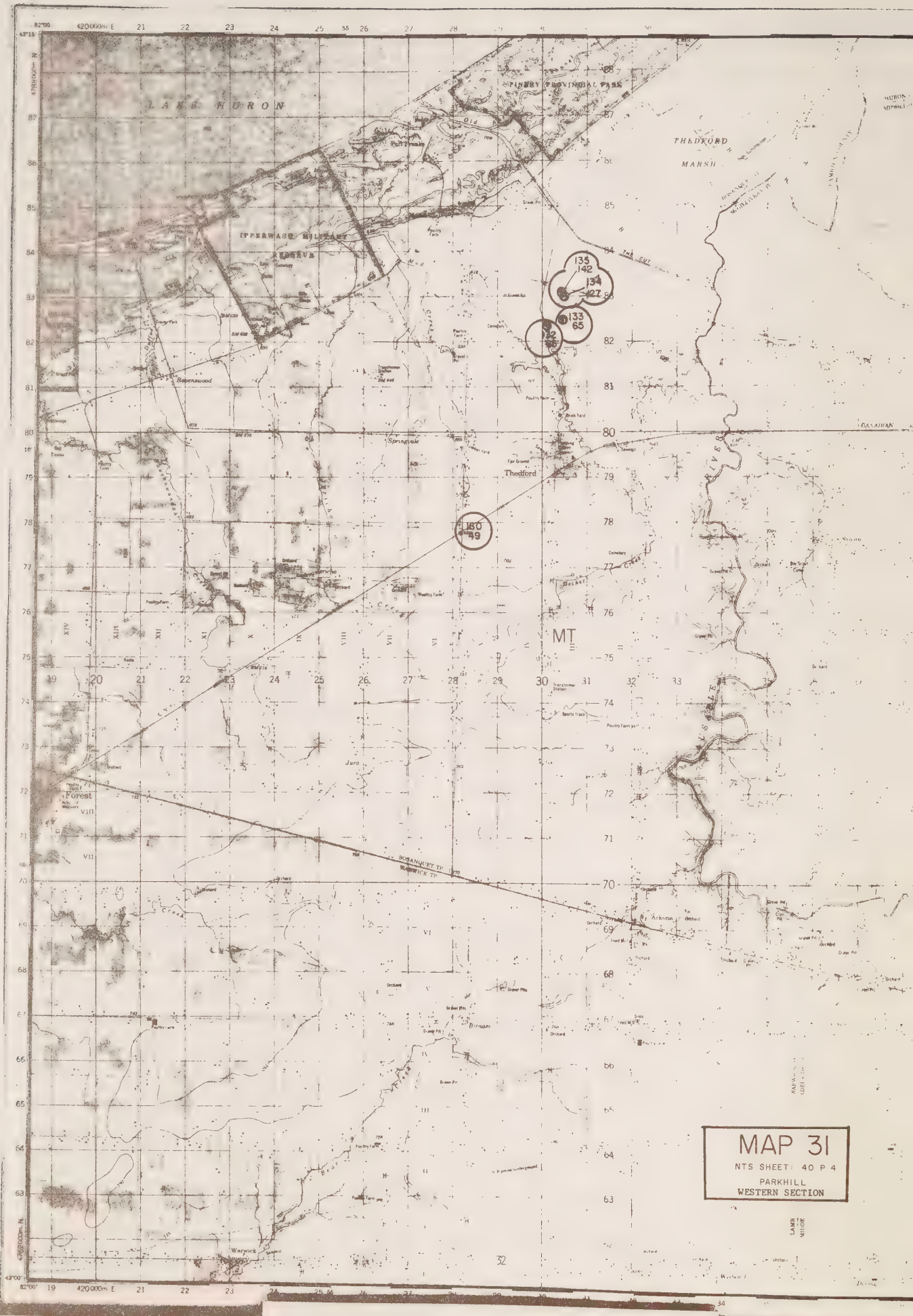


MAP 27
NTS SHEET: 30 L 14
WELLAND
WESTERN SECTION



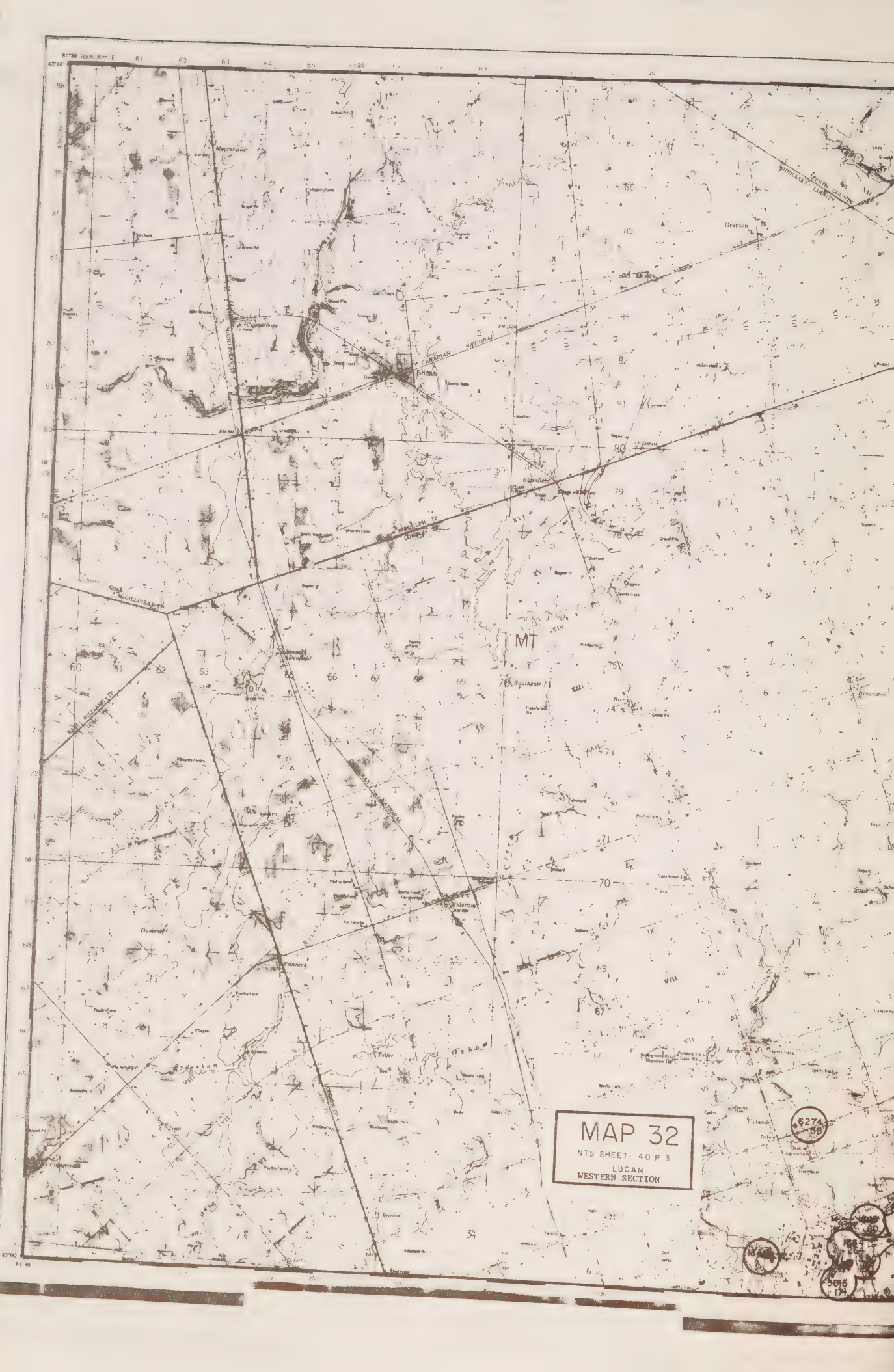
MAP 27
NTS SHEET: 30 L 14
WELLAND
EASTERN SECTION

E R I E



COPY

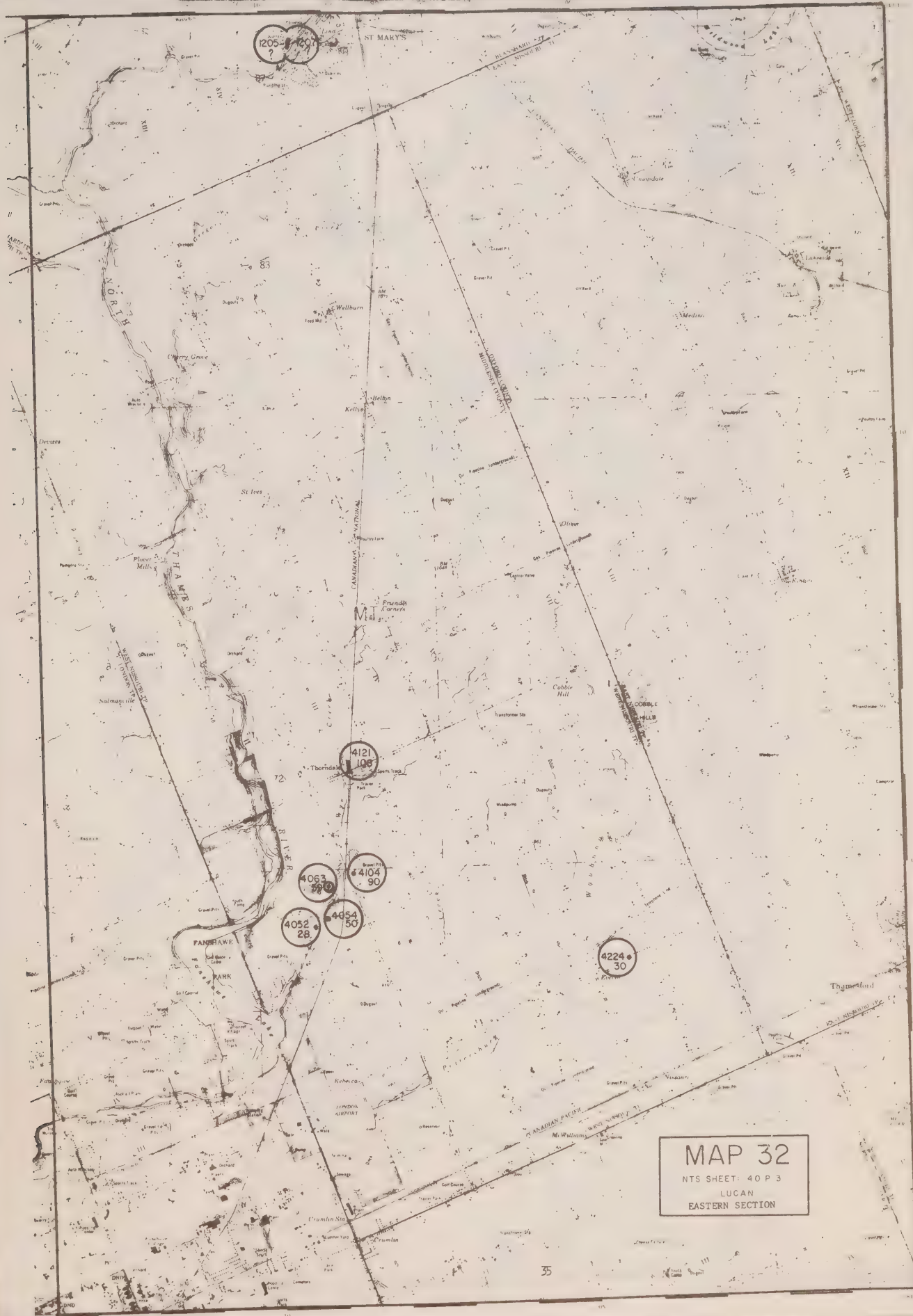




MAP 32
NTS SHEET: 40 P 3
LUCAN
WESTERN SECTION

6274
58

5015
121



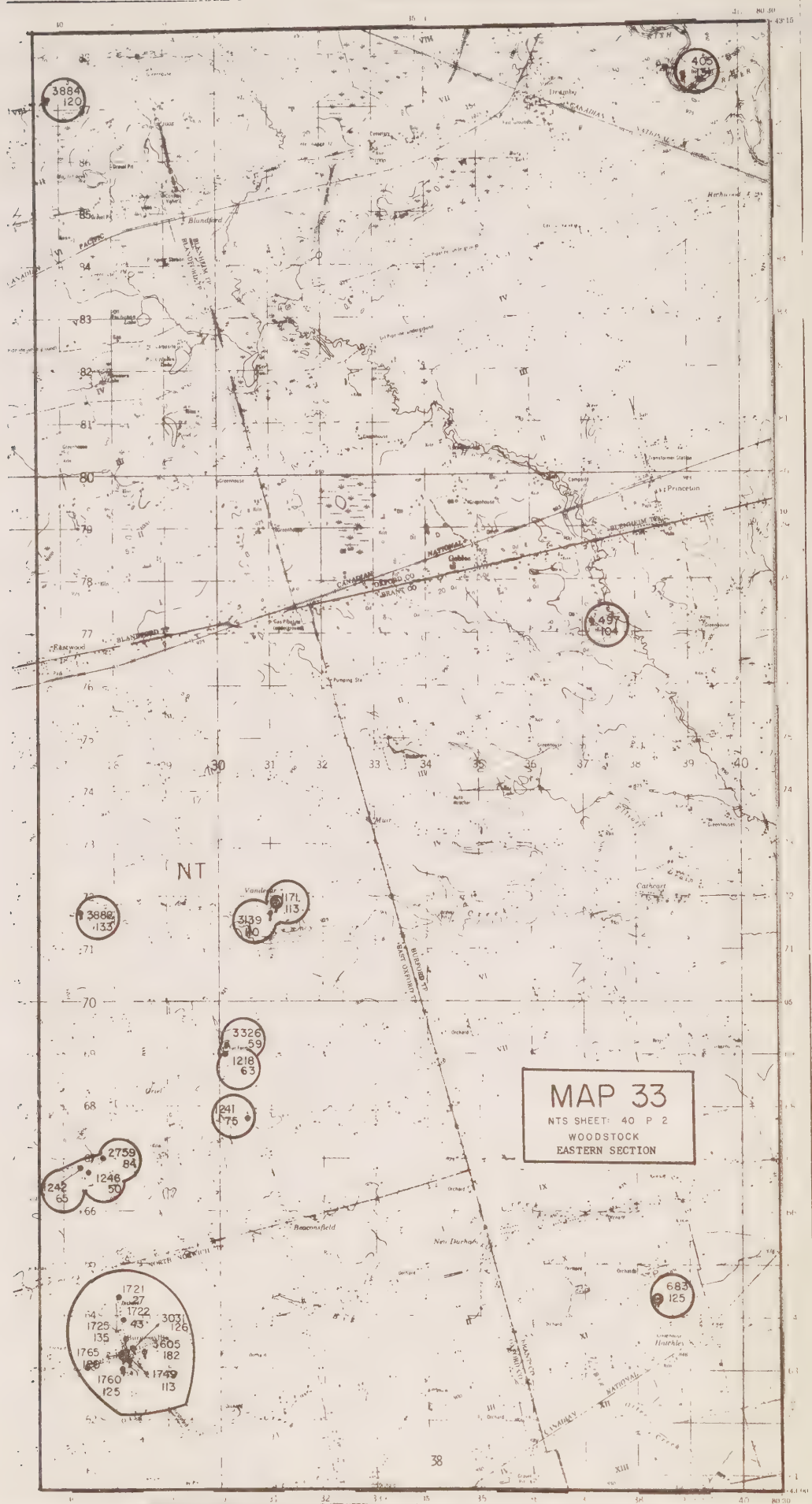
MAP 32

NTS SHEET: 40 P 3
LUCAN
EASTERN SECTION



MAP 33
NTS SHEET 40 P 2
WOODSTOCK
WESTERN SECTION





MAP 33
NTS SHEET: 40 P 2
WOODSTOCK
EASTERN SECTION

3884
120

405
137

497
104

3886
133

171
113
3439
10

3326
59
1218
63

241
75

2759
84
1246
50
242
65

1721
1722
303
126
1725
135
1765
182
1760
125
1749
113

683
125



MAP 34

NTS SHEET 40 P
BRANTFORD
WESTERN SECTION





MAP 35

NTS 1:50,000
GRIMSBY WEST

LAKE ONTARIO



LAKE ONTARIO

MAP 37

NTS SHEET: 30 M 3W

NIAGARA WEST



MAP 38

NTS SHEET: 30 W 3E
NIAGARA EAST

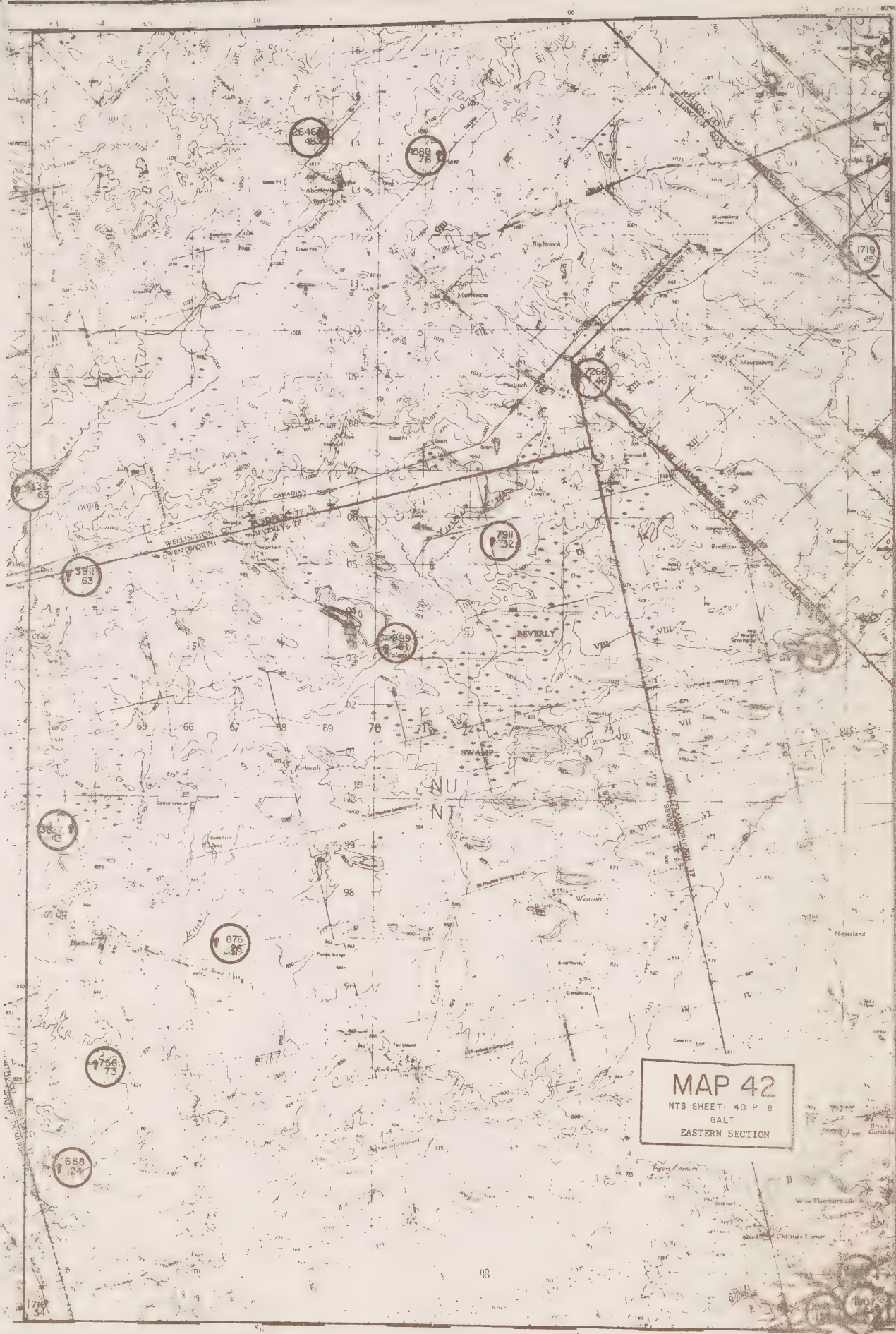






MAP 42

NTS SHEET 40 P 8
GALT
WESTERN SECTION

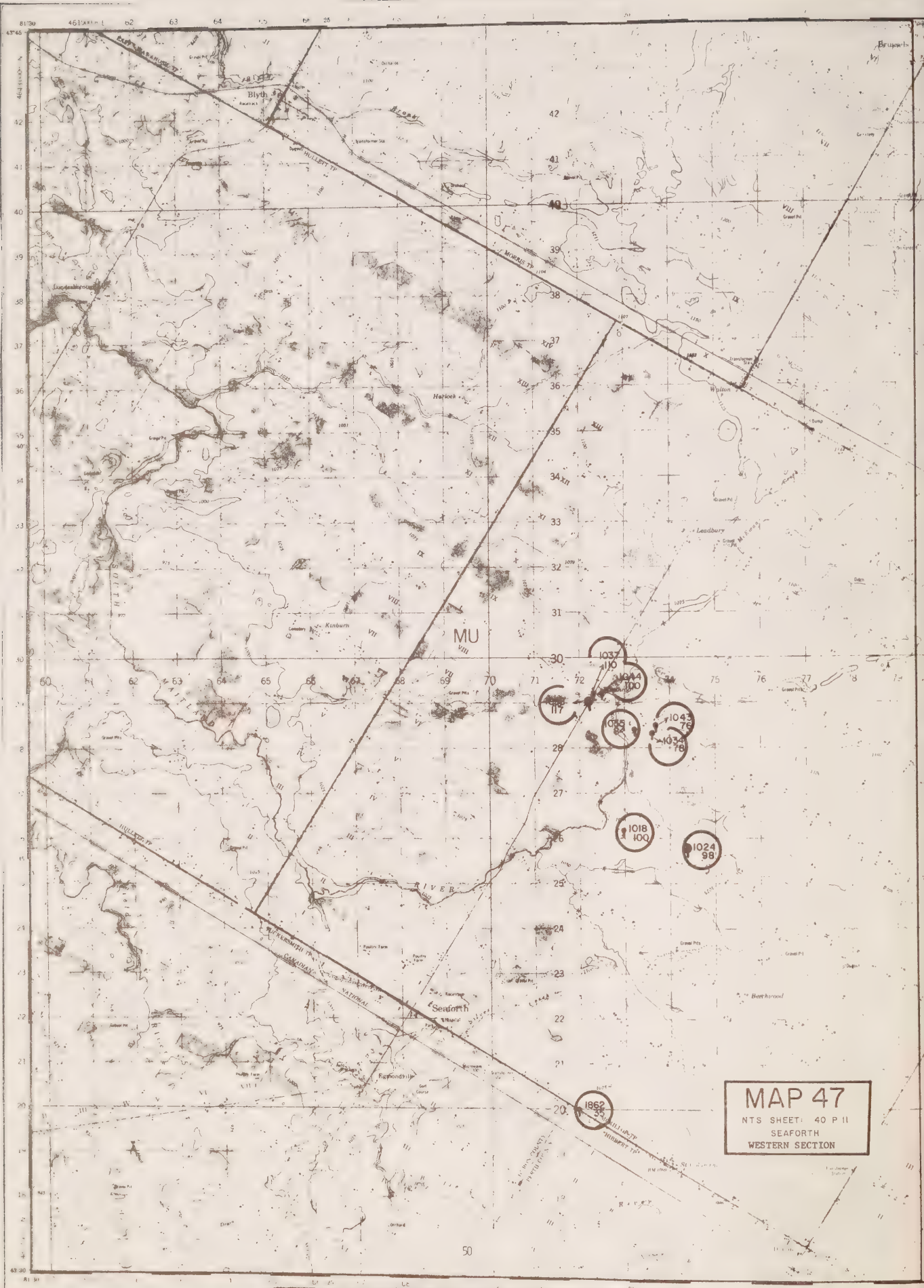


MAP 42
 NTS SHEET: 40 P 8
 GALT
 EASTERN SECTION



MAP 43

NTS SHEET: 50 M 5W
HAMILTON WEST



MAP 47
NTS SHEET: 40 P II
SEAFORTH
WESTERN SECTION



MAP 48
NTS SHEET: 40 P 10
CONESTOGO

2094
4945 164
180

3897 82
2236 40
4313 80
2240 30
2238 50

2844 15
34

4722 30

2645
2647 90
2578 25
2646 198
2757 183

2581 149

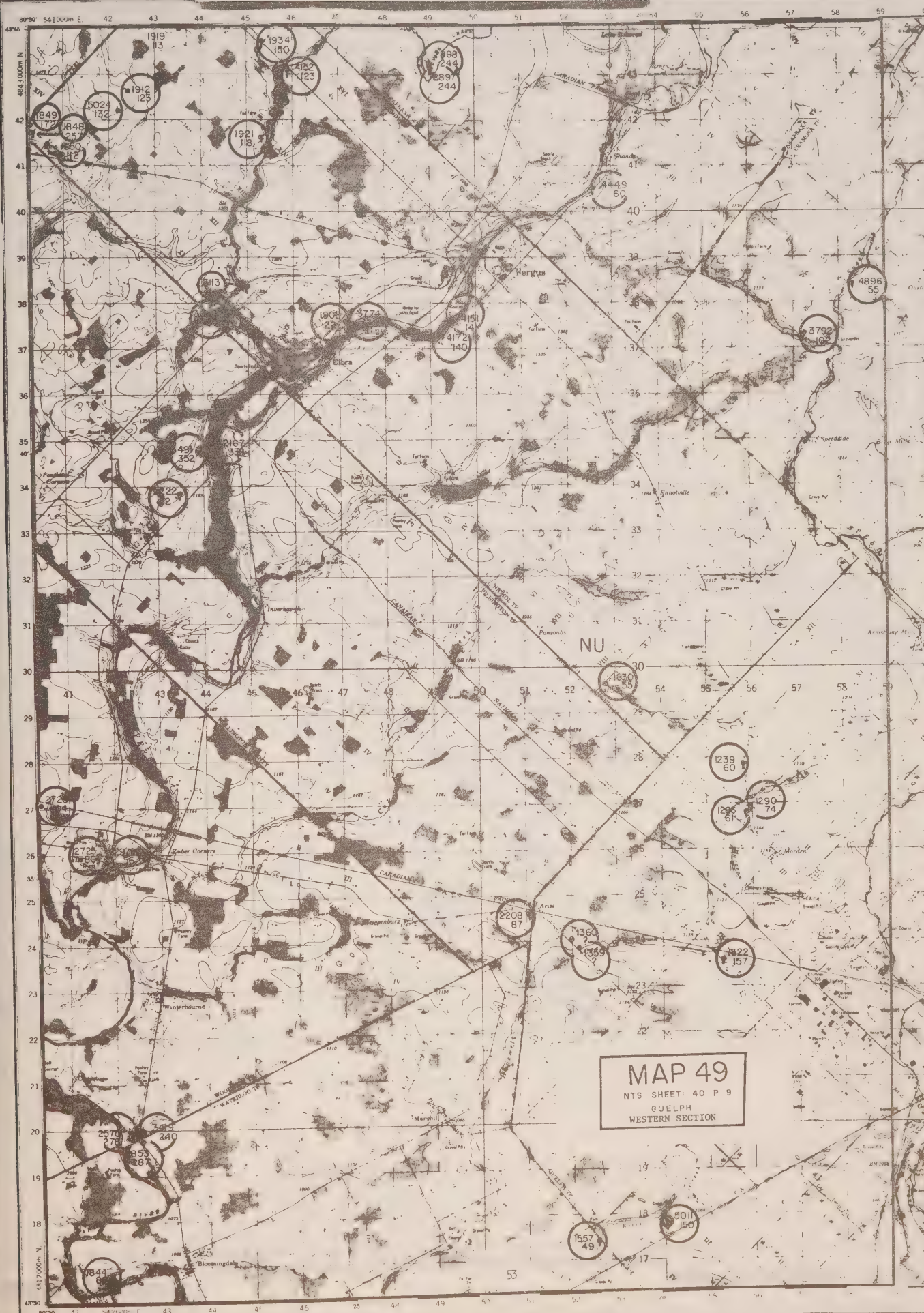
2666 108
2594 85
2595 30

4112 88
3019 69

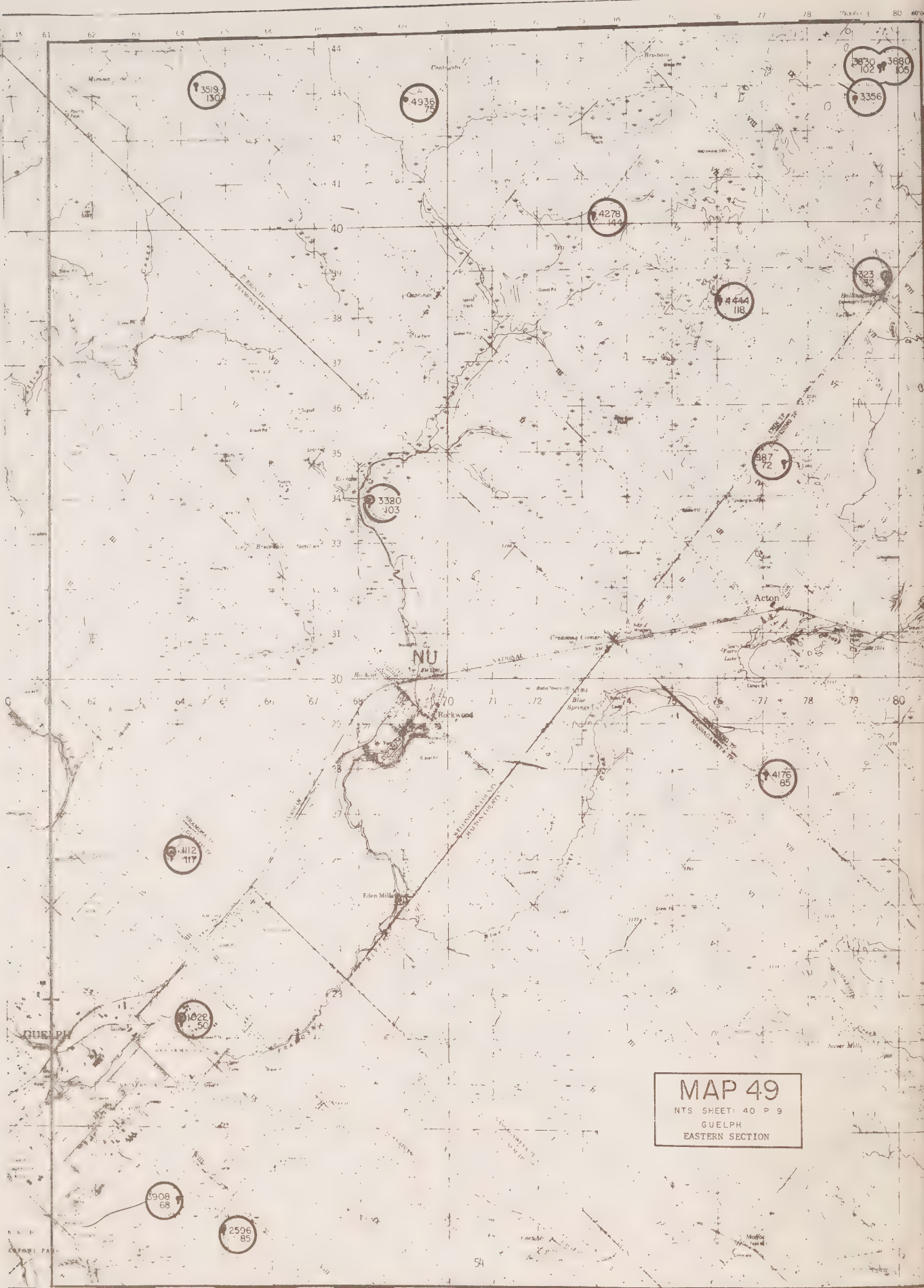
2586 94
3500

1275 216

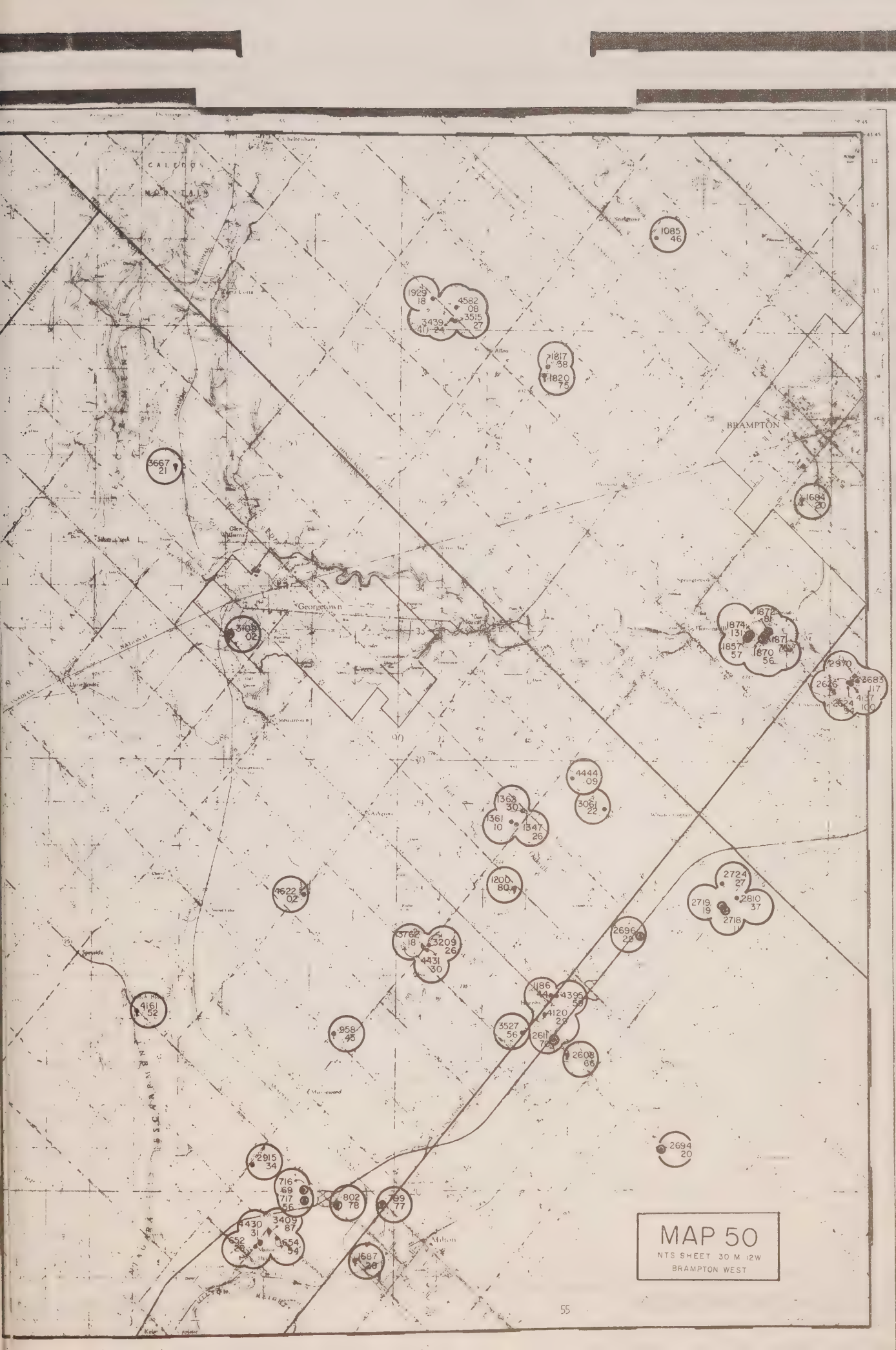
4547 190
4548 212
3044 201



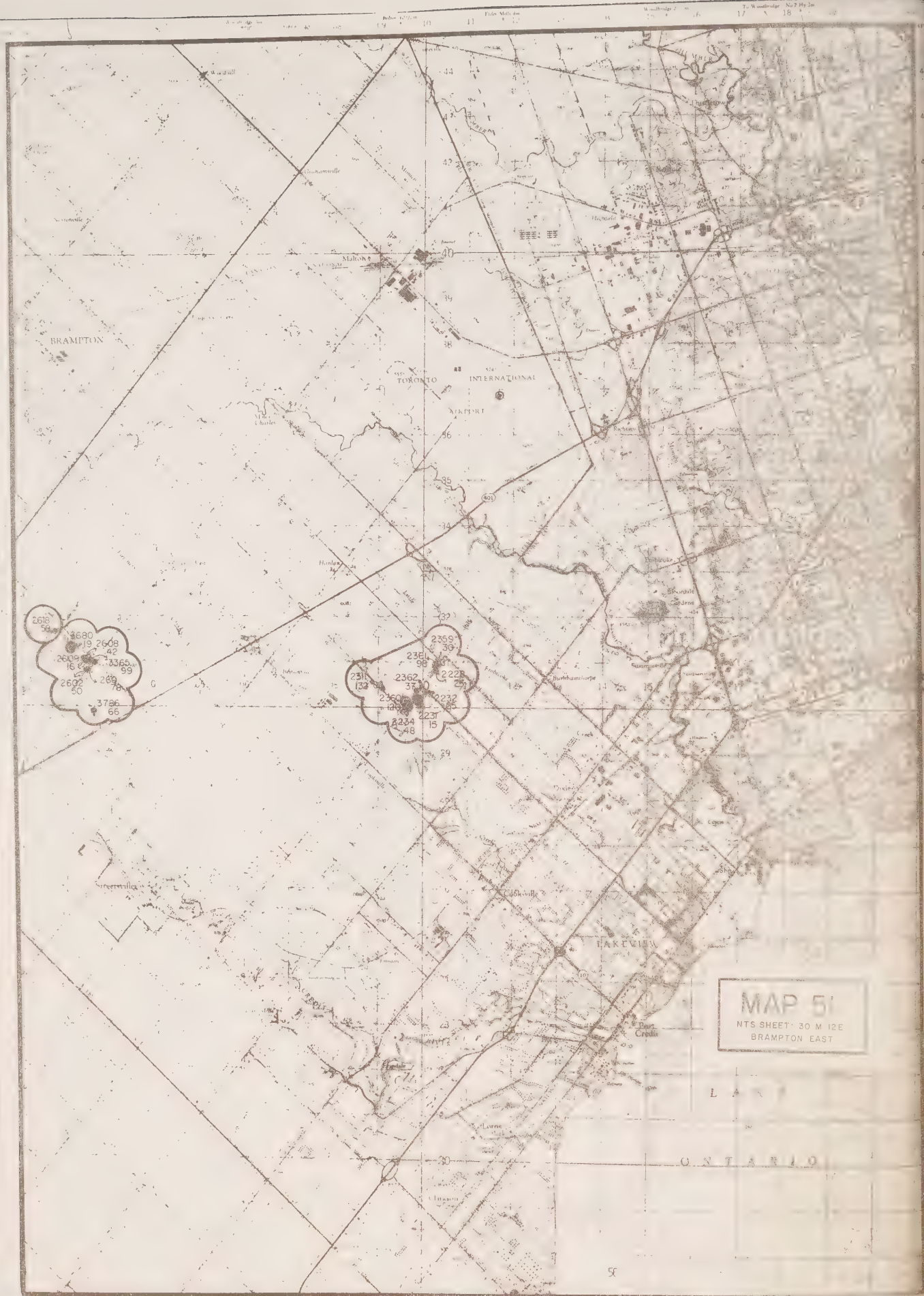
MAP 49
NTS SHEET: 40 P 9
GUELPH
WESTERN SECTION

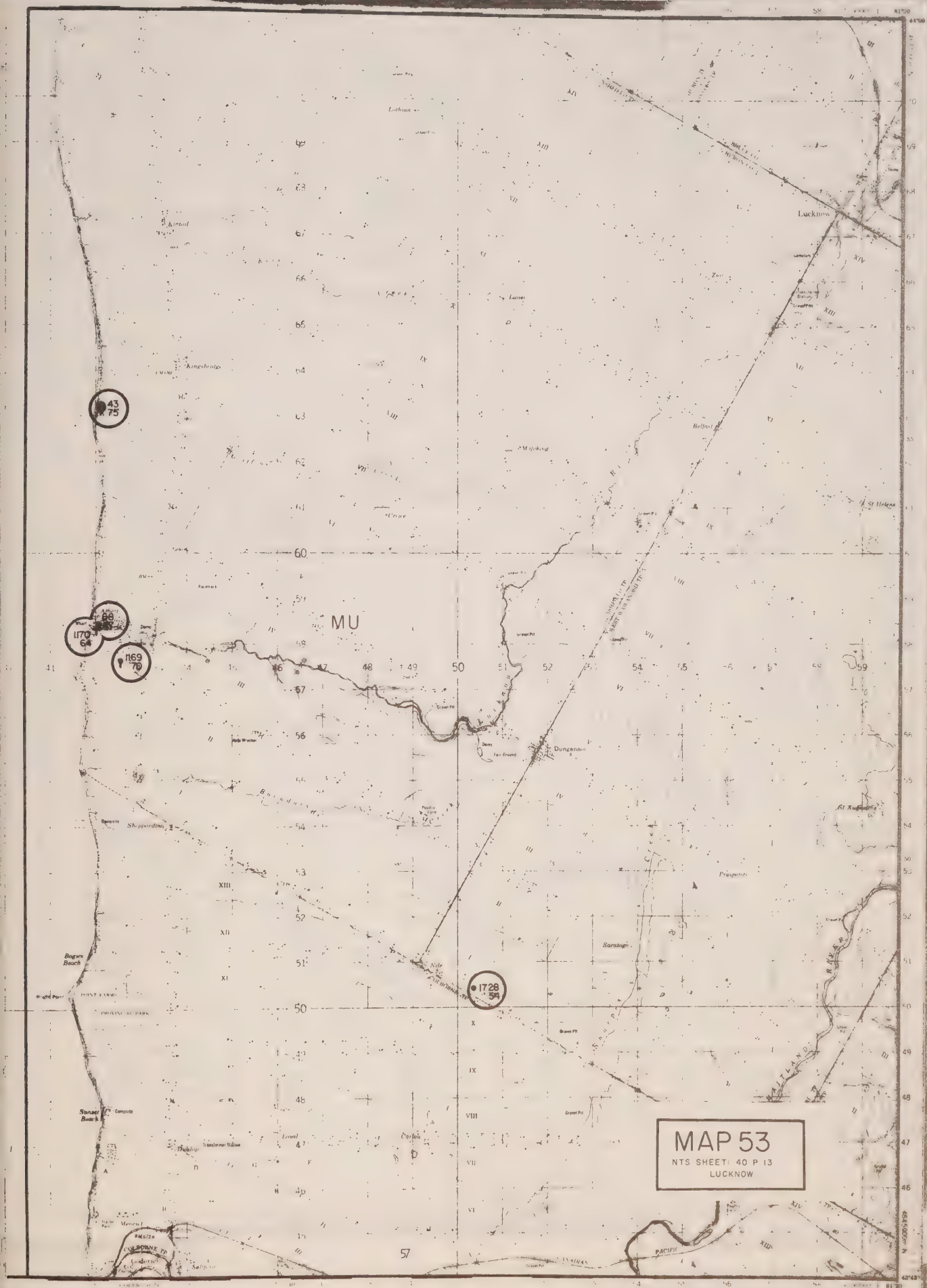


MAP 49
NTS SHEET: 40 P 9
GUELPH
EASTERN SECTION



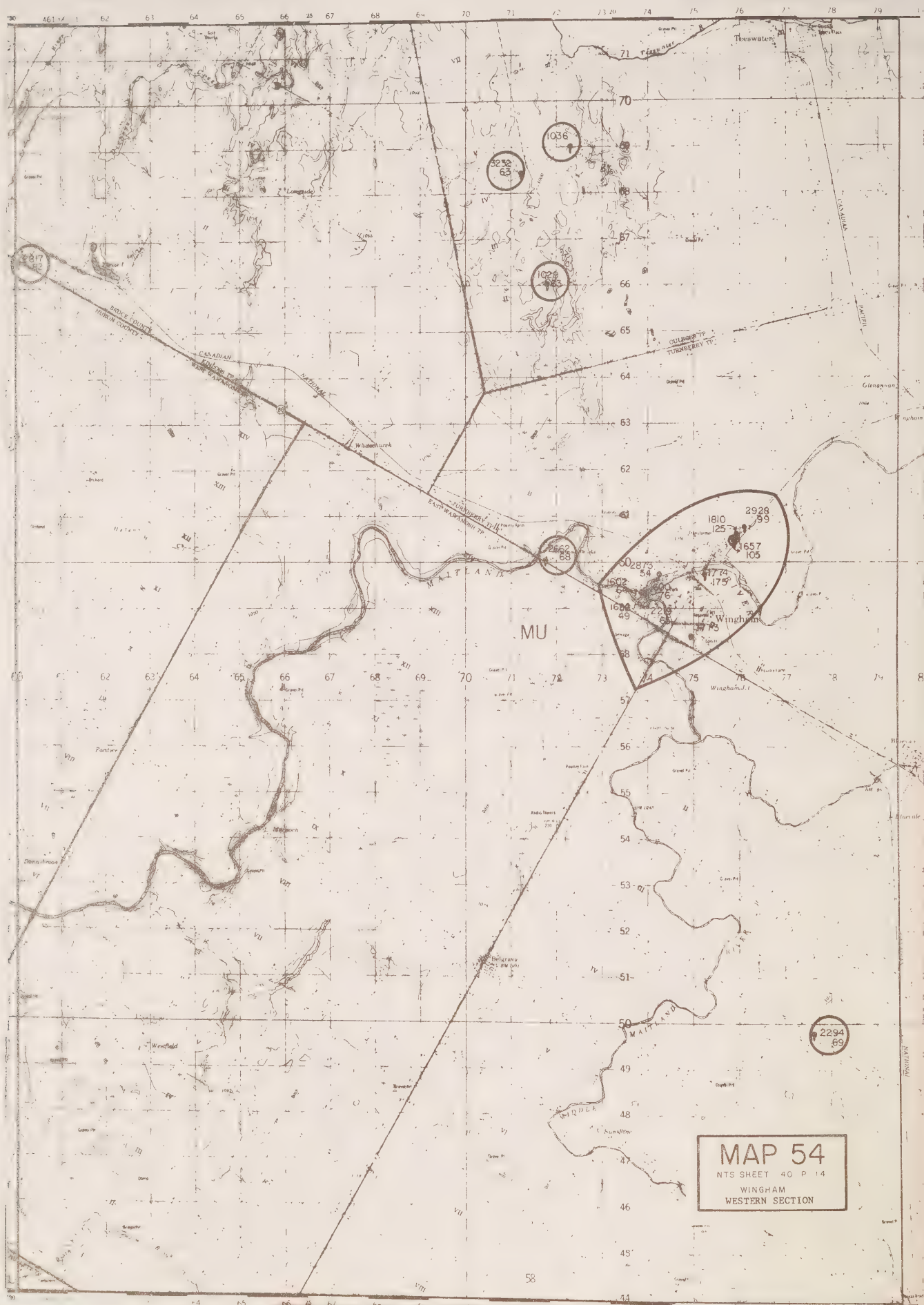
MAP 50
NTS SHEET 30 M 12W
BRAMPTON WEST

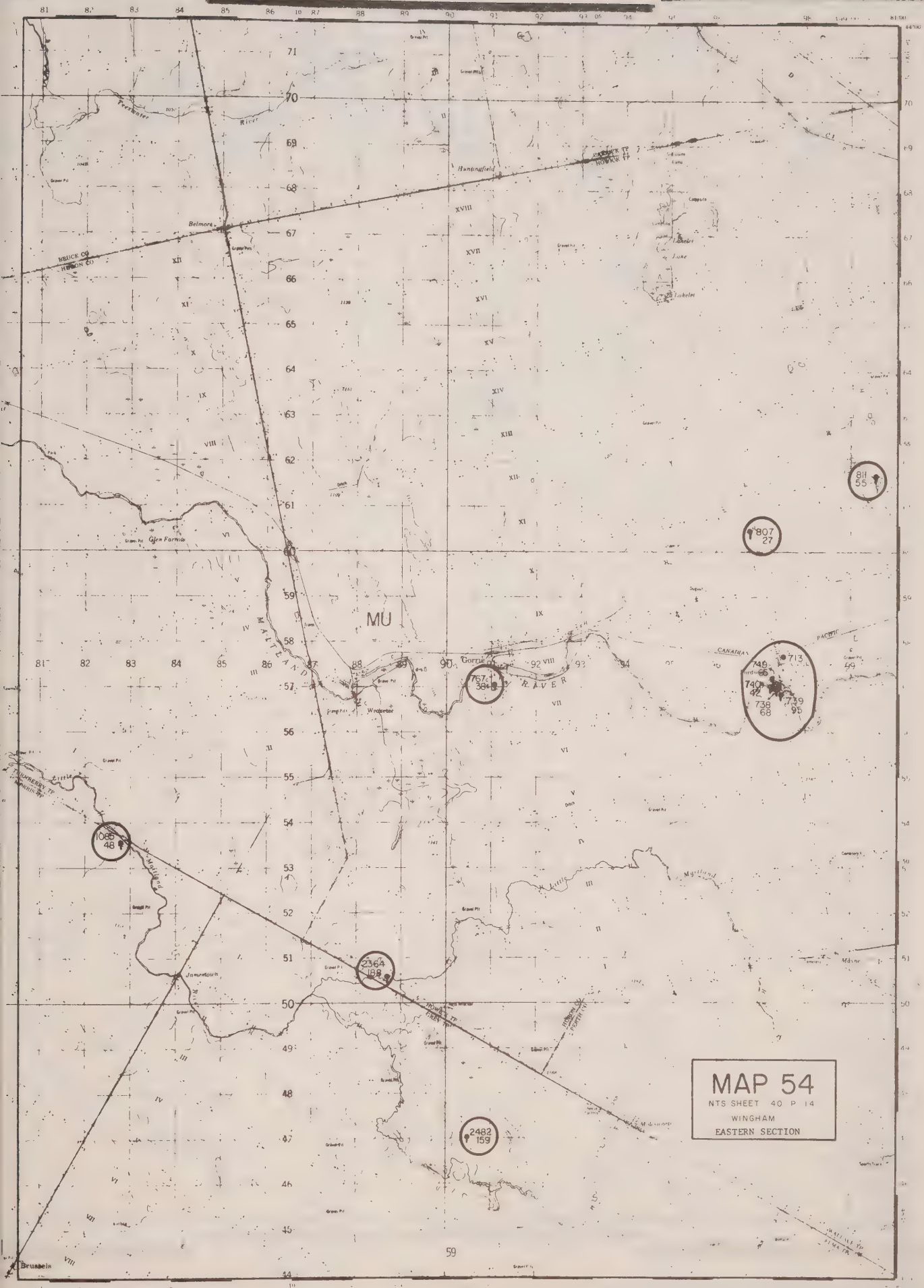


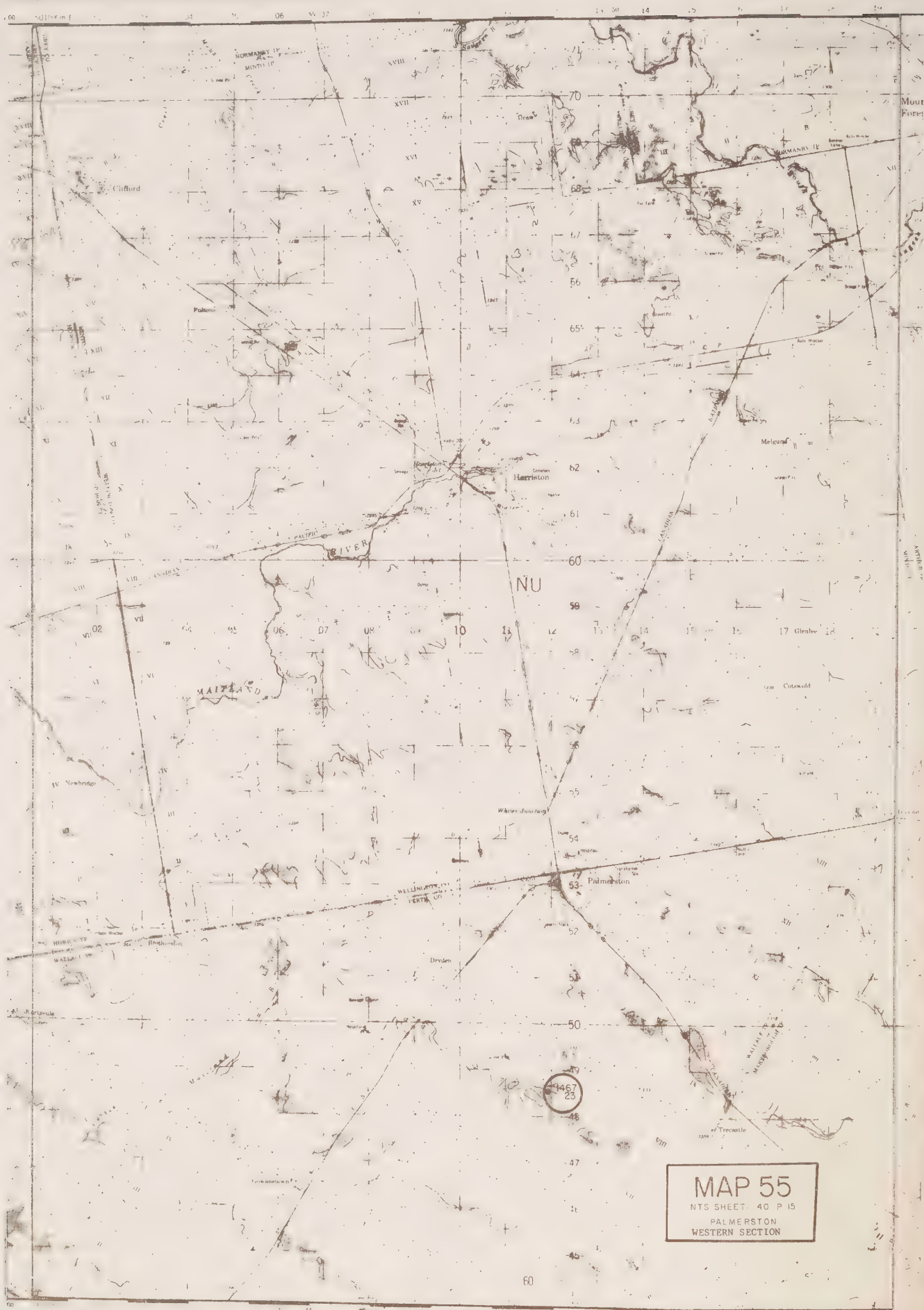


MAP 53

NTS SHEET: 40 P 13
LUCKNOW



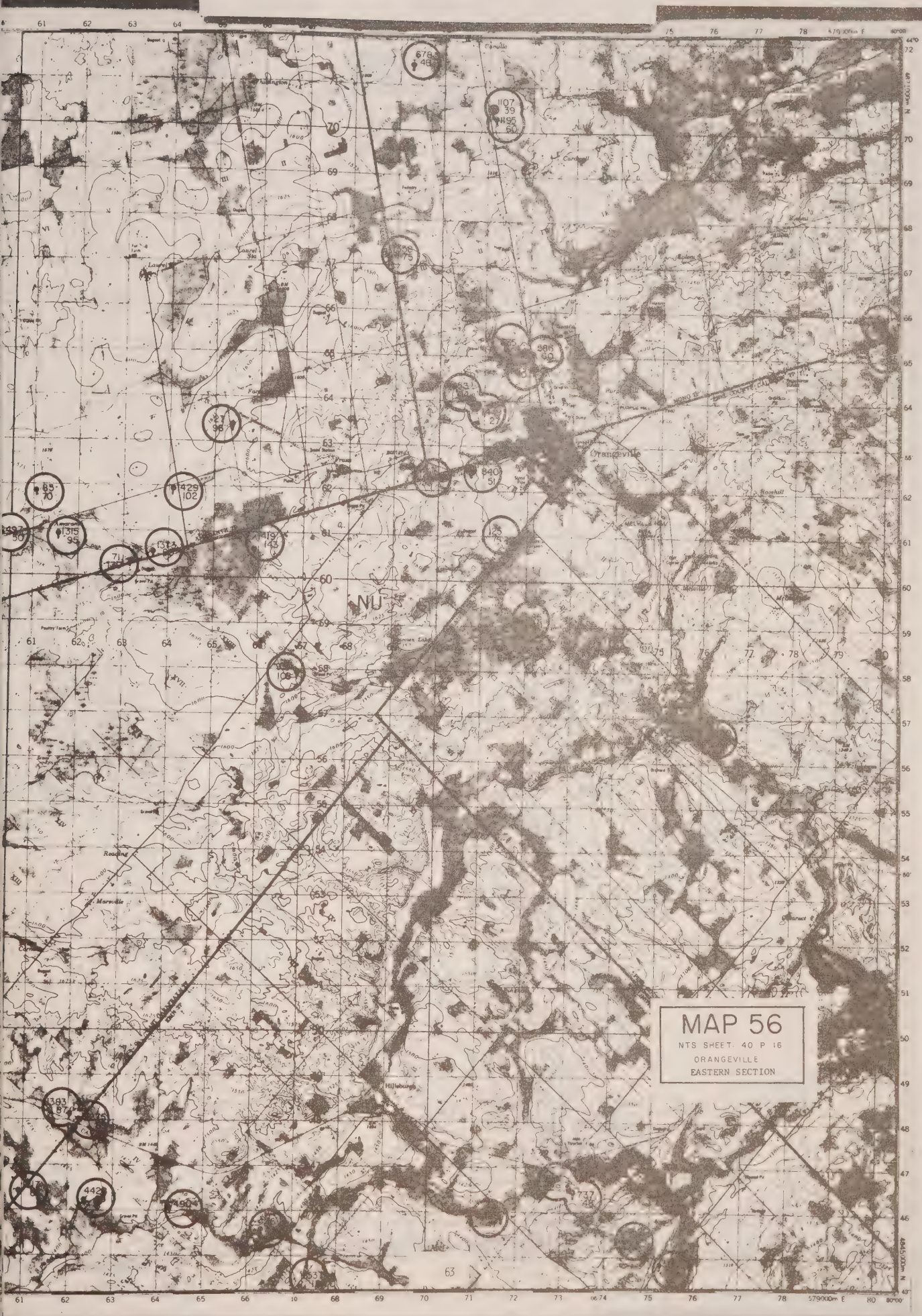




MAP 55
NTS SHEET: 40 P 15
PALMERSTON
WESTERN SECTION

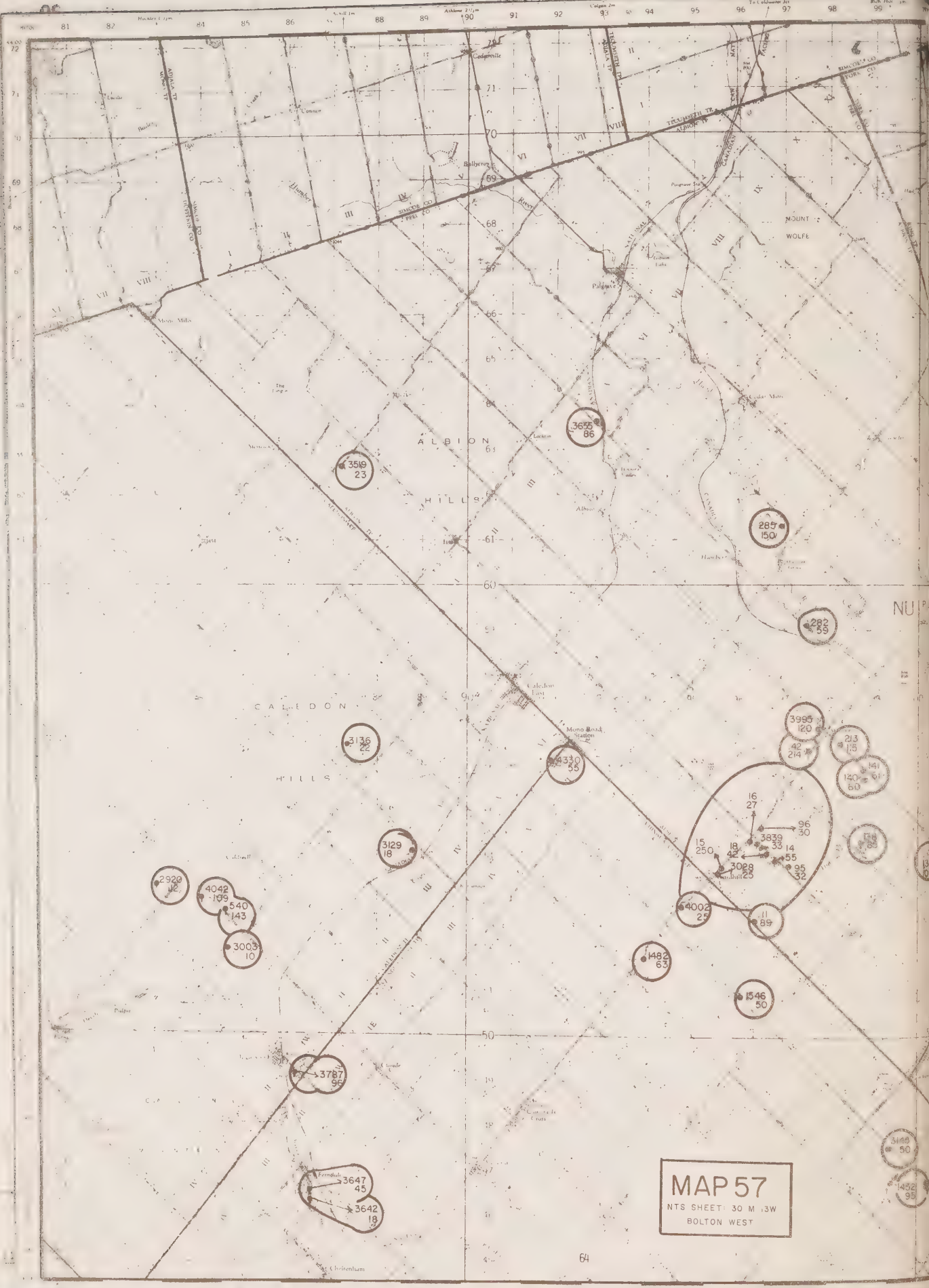




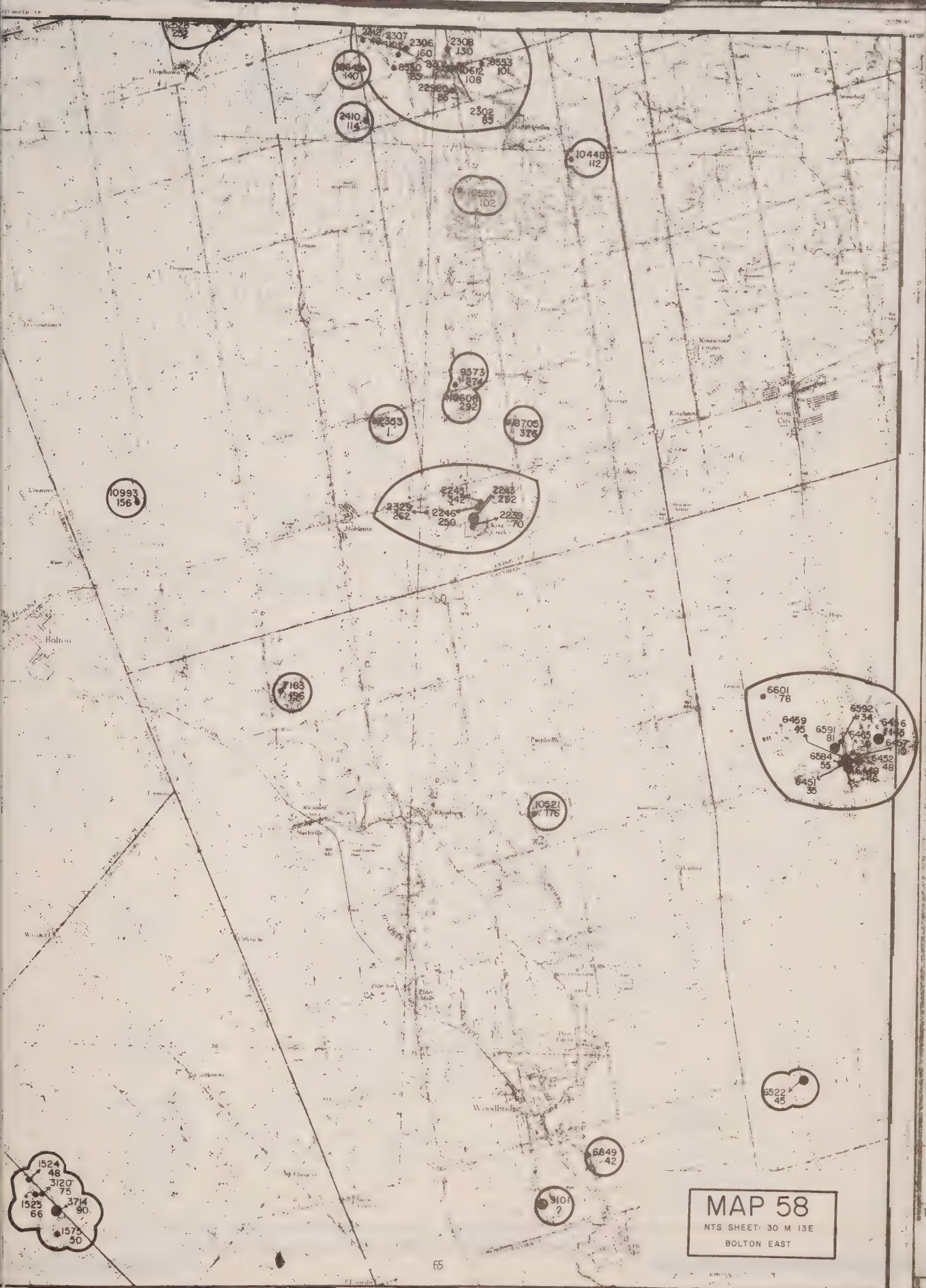


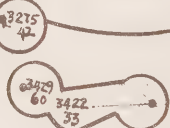
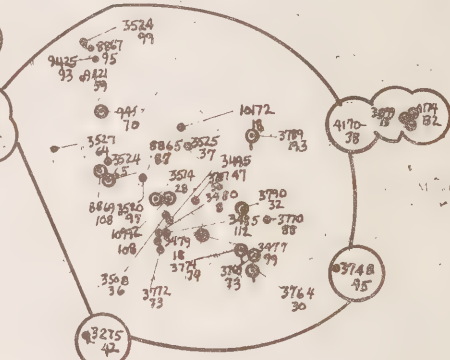
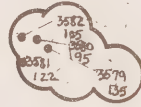
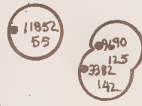
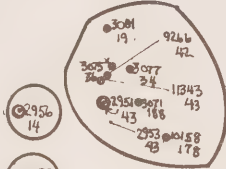
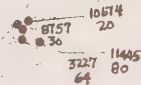
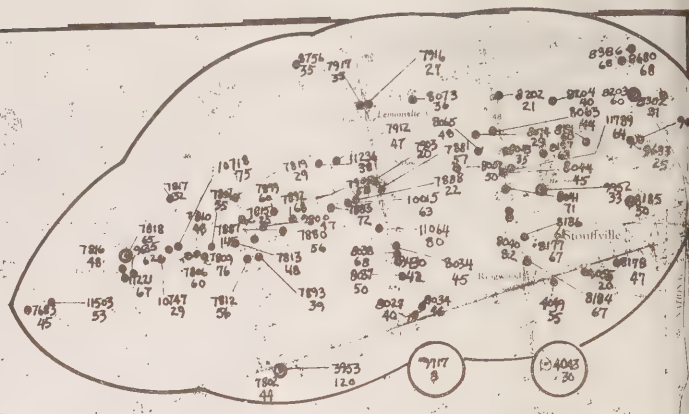
MAP 56

NTS SHEET 40 P 16
ORANGEVILLE
EASTERN SECTION

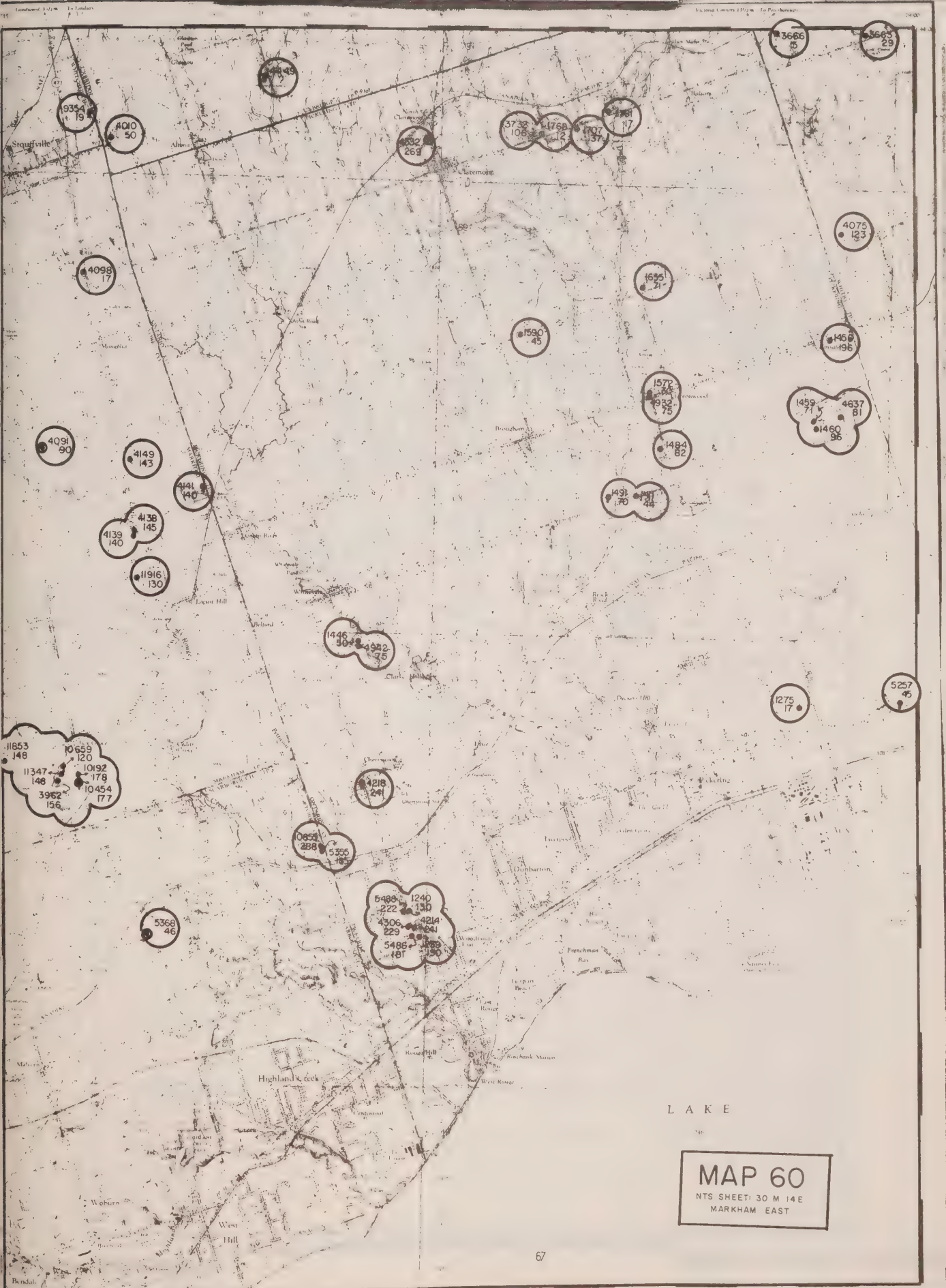


MAP 57
NTS SHEET: 30 M. 13W
BOLTON WEST





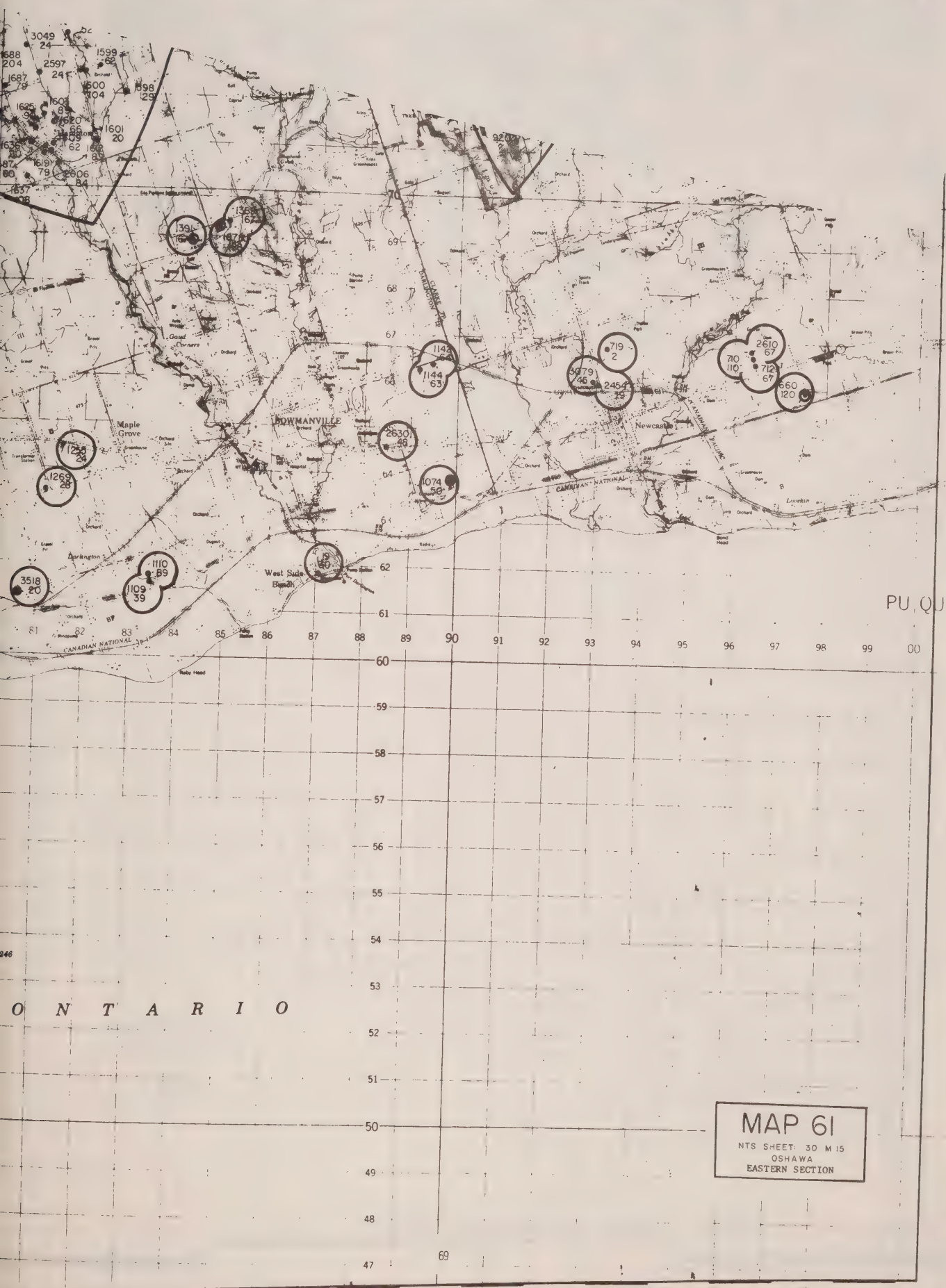
MAP 59
NTS SHEET: 30 M 14W
MARKHAM WEST



MAP 60
NTS SHEET: 30 M 14E
MARKHAM EAST



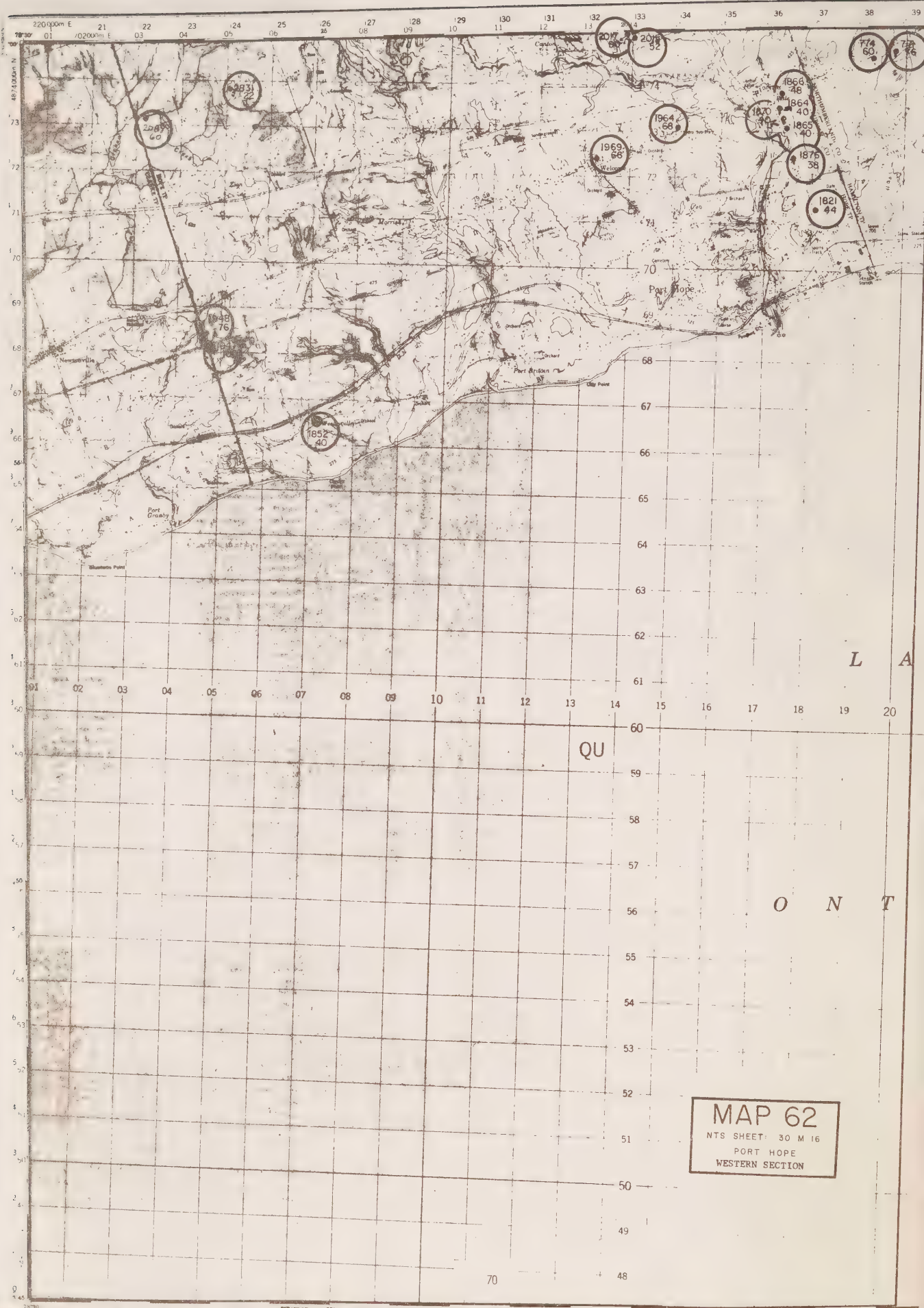
MAP 61
NTS SHEET: 30 M15
OSHAWA
WESTERN SECTION



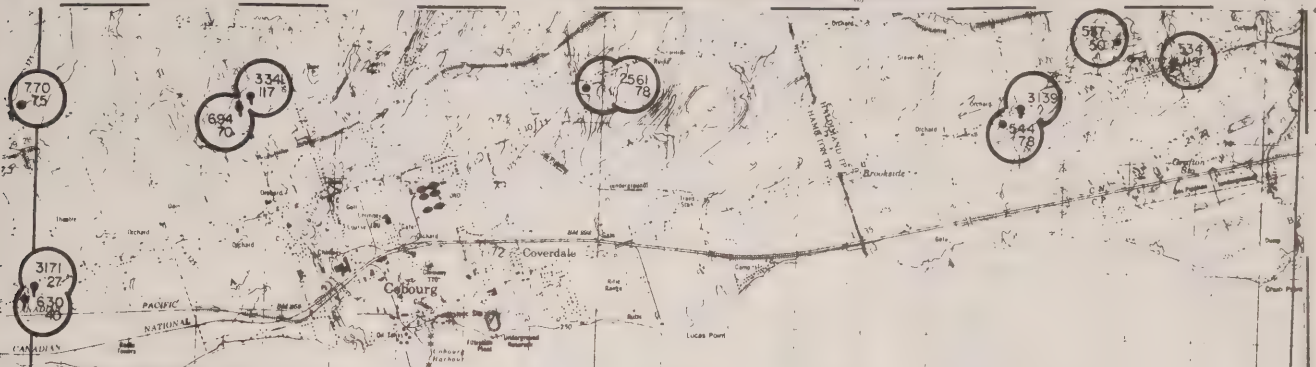
PU, QU

ONTARIO

MAP 61
NTS SHEET: 30 M 15
OSHAWA
EASTERN SECTION



140 41 42 43 10 154 55 56 57 58000m E 59



70

69

68

67

66

65

64

63

62

61

60

59

58

57

56

55

54

53

52

51

50

K E

QU

246

A R I O

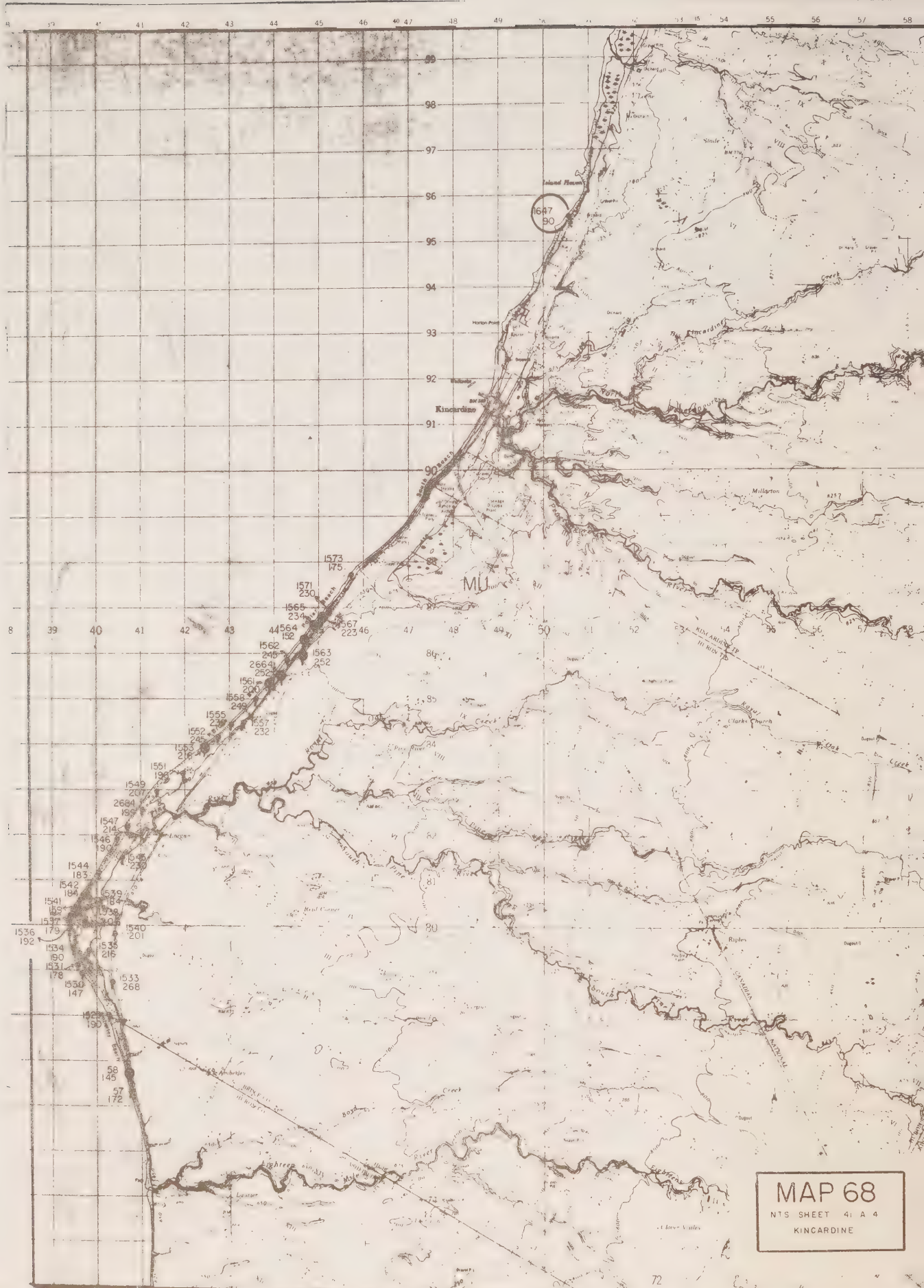
MAP 62

NTS SHEET: 30 M 16

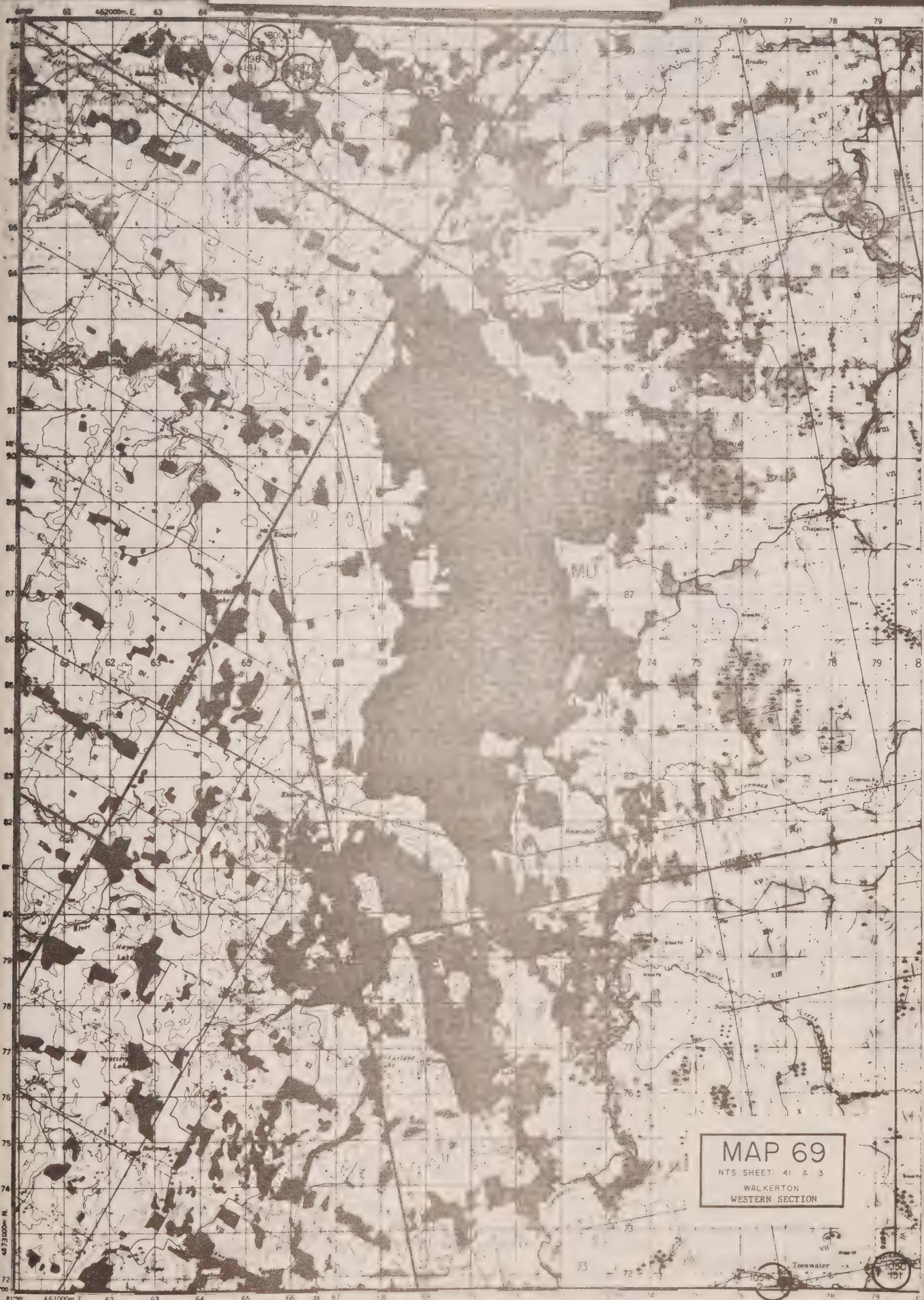
PORT HOPE

EASTERN SECTION

38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58000m E



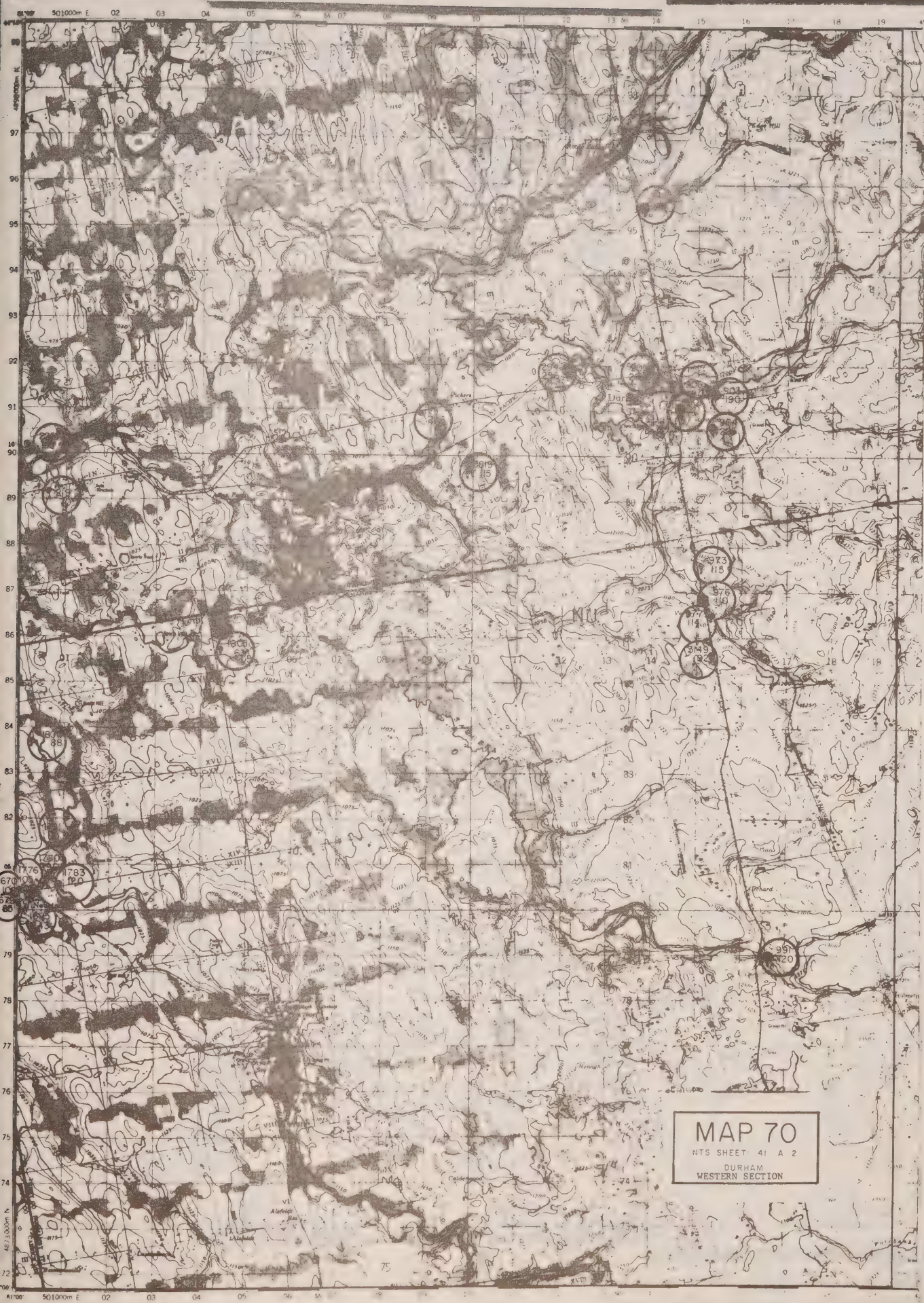
MAP 68
NTS SHEET 41 A 4
KINCARDINE





MAP 69

NTS SHEET 4. A 3
WALKERTON
EASTERN SECTION







MAP 71
NTS SHEET 41 A 1
DUNDALK
WESTERN SECTION





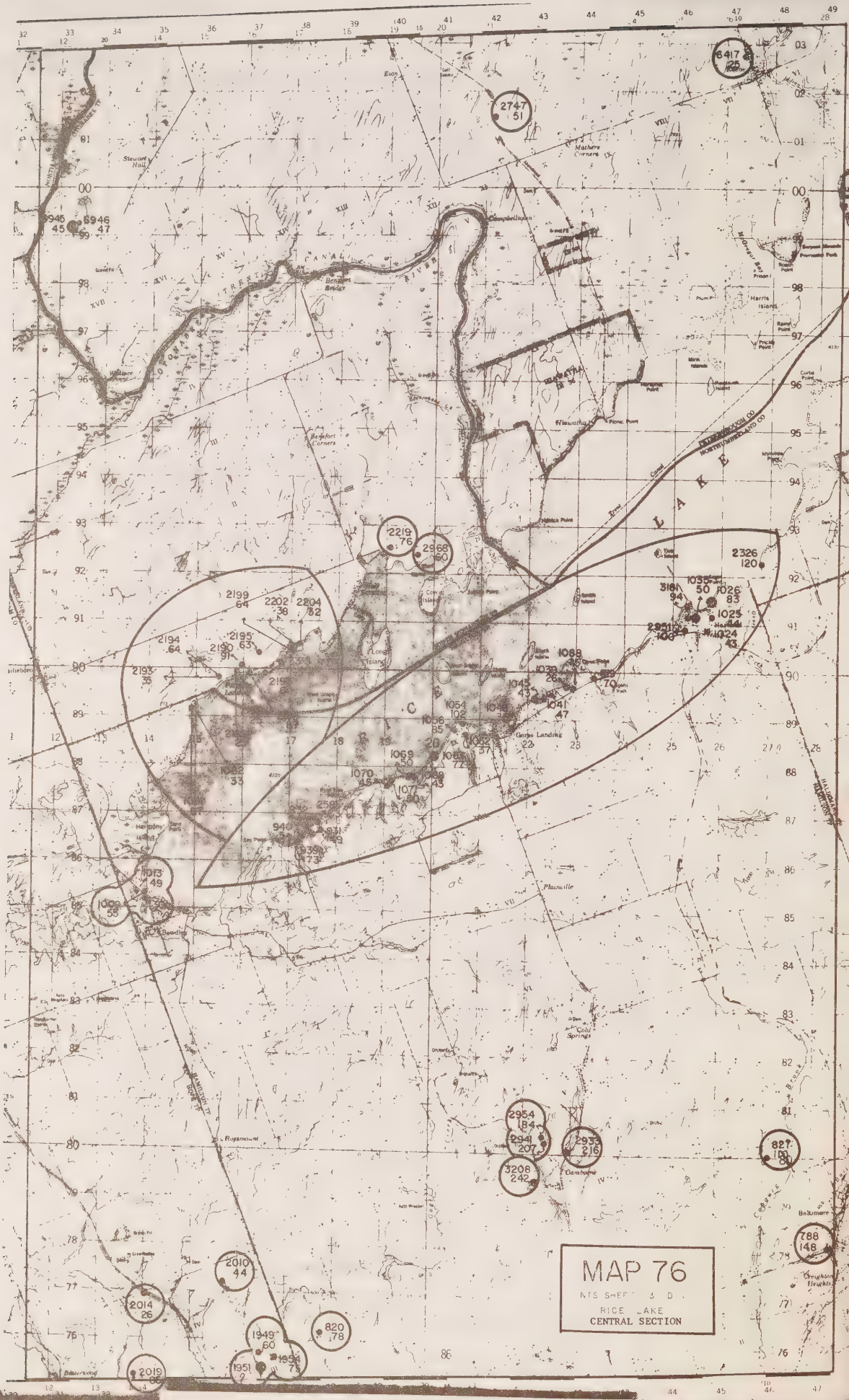




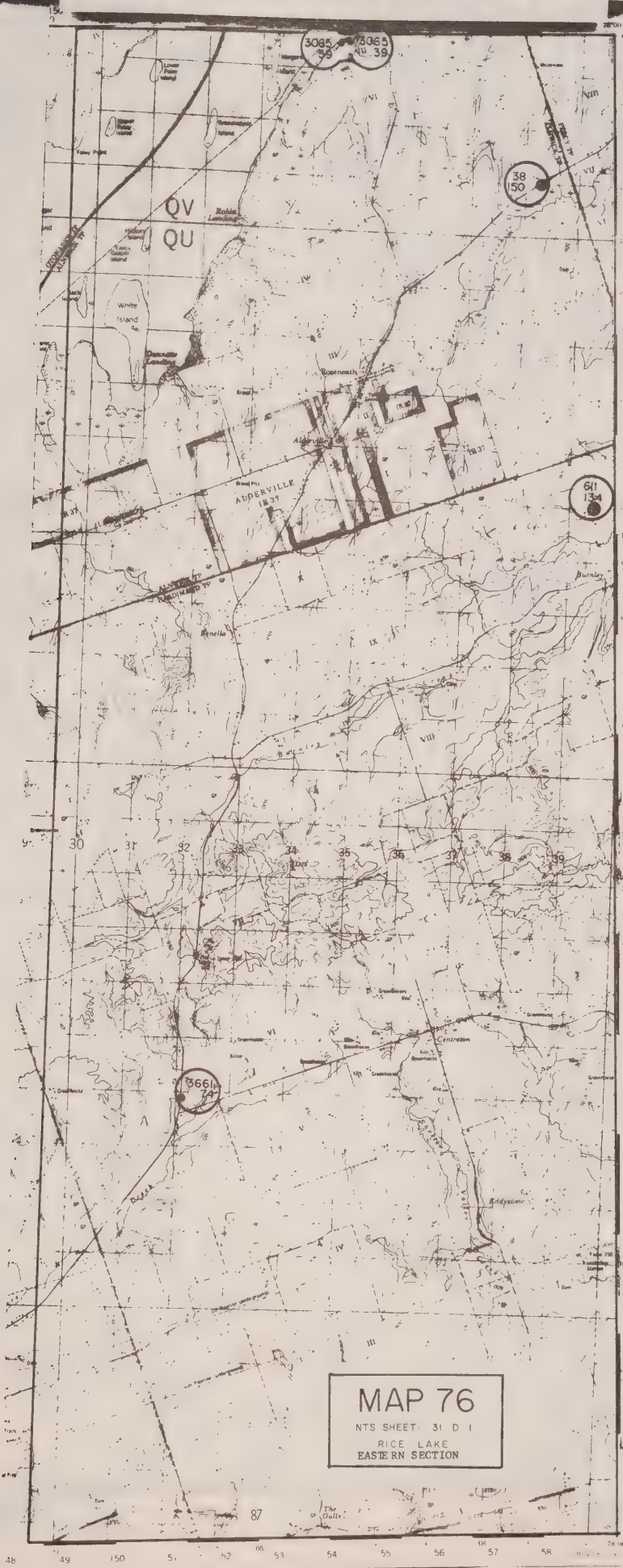








MAP 76
NTS SHEET 3 D
RICE LAKE
CENTRAL SECTION



MAP 76
NTS SHEET 31 D 1
RICE LAKE
EASTERN SECTION





MAP 77

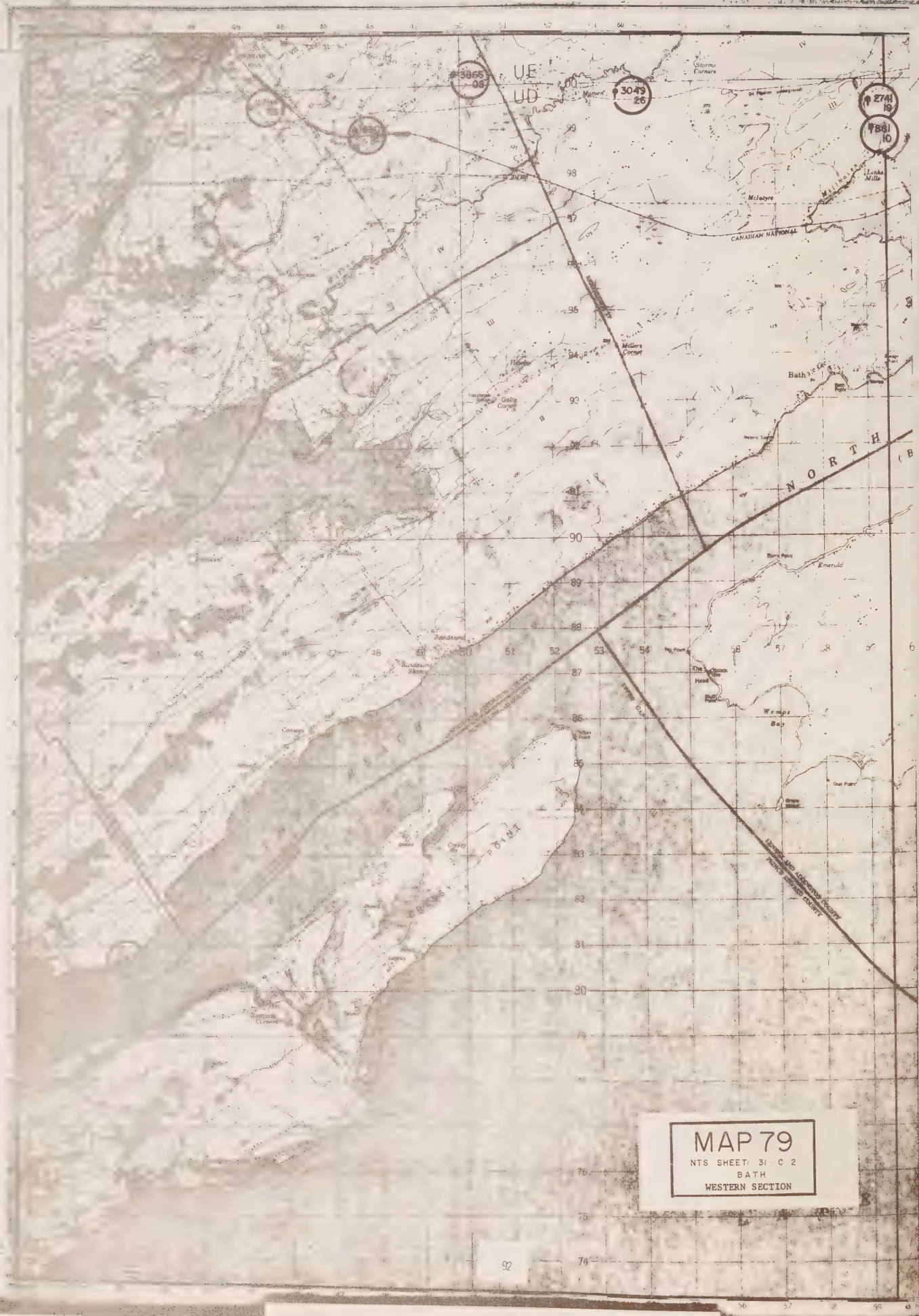
NTS SHEET: 31 C 4

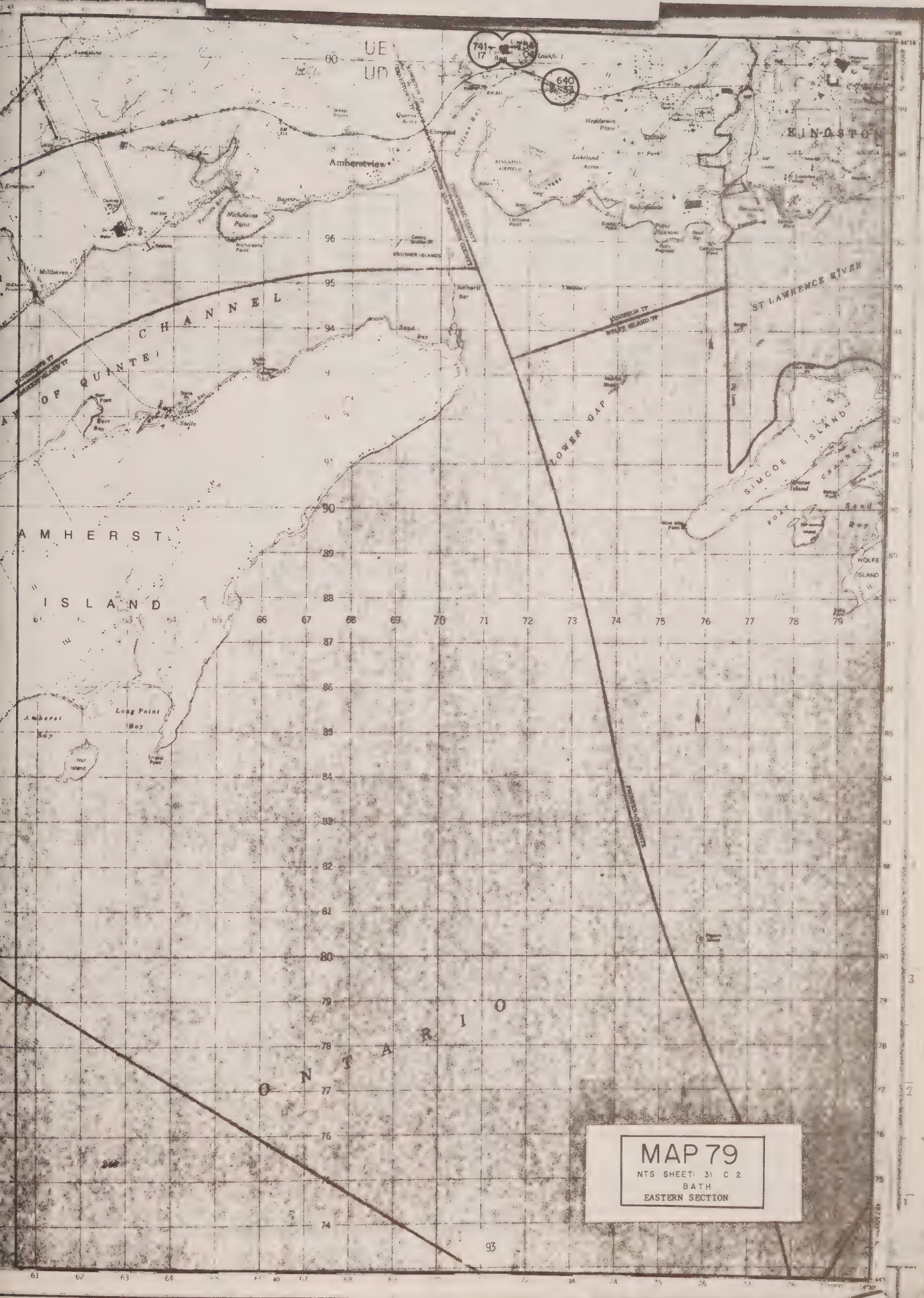
TRENTON
EASTERN SECTION





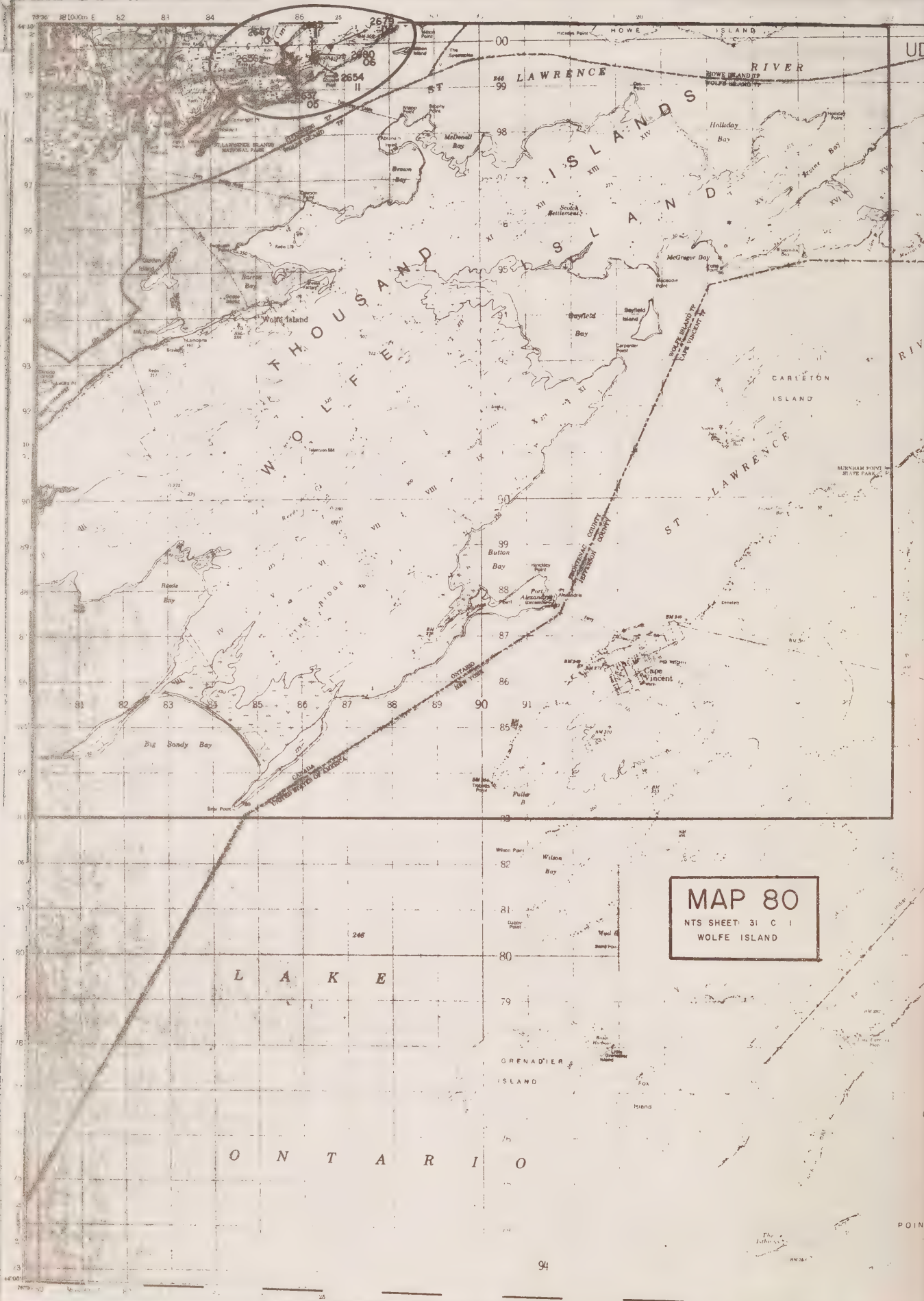
MAP 78
NTS SHEET: 31 C 3
BELLEVILLE
EASTERN SECTION



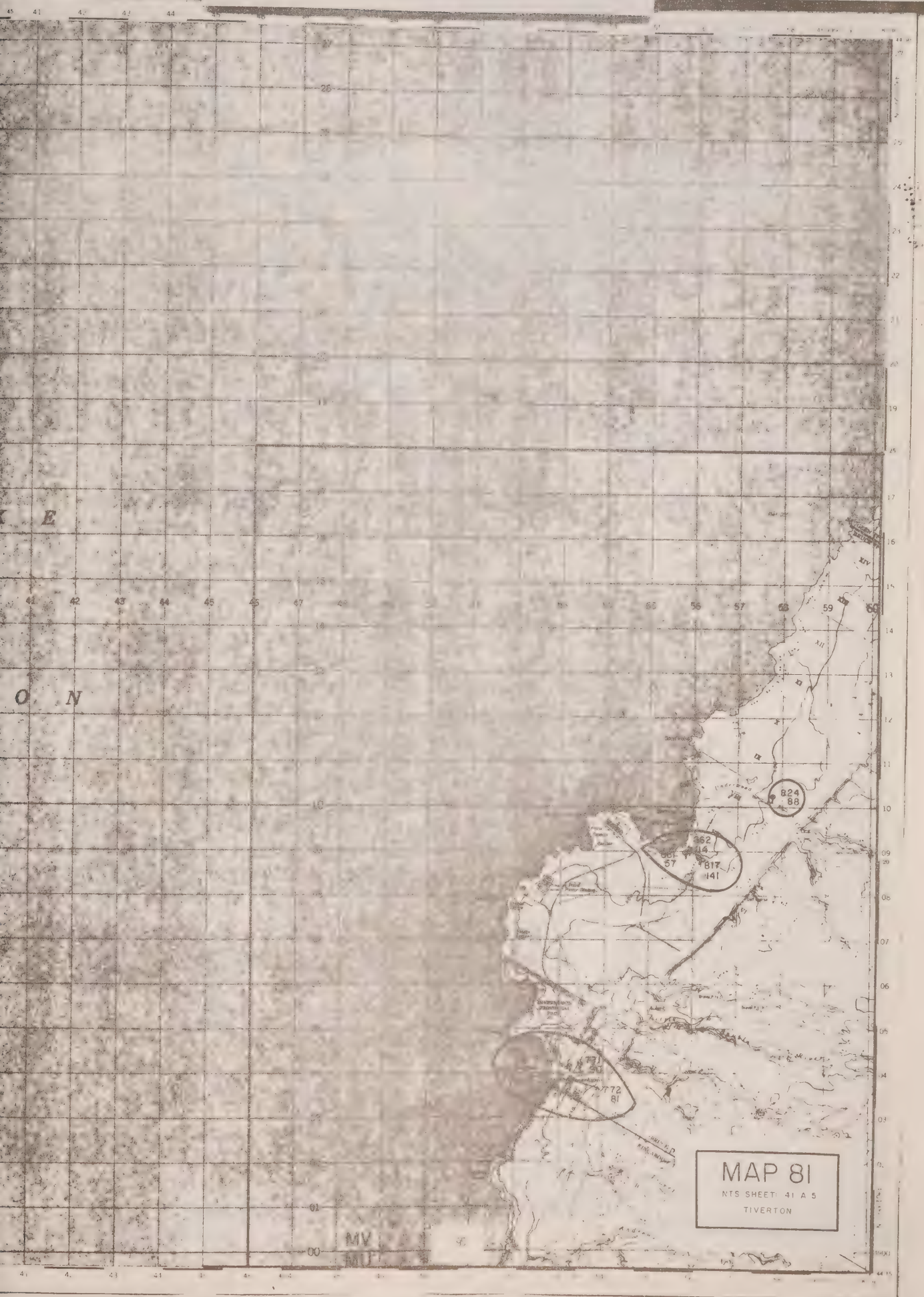


MAP 79

NTS SHEET: 31 C 2
BATH
EASTERN SECTION



MAP 80
NTS SHEET: 31 C 1
WOLFE ISLAND





MAP 82
NTS SHEET: 41 A 6
CHESLEY
WESTERN SECTION

MV
MU



MAP 82

NTC SHEET 430

CHESLEY

EASTERN SECTION

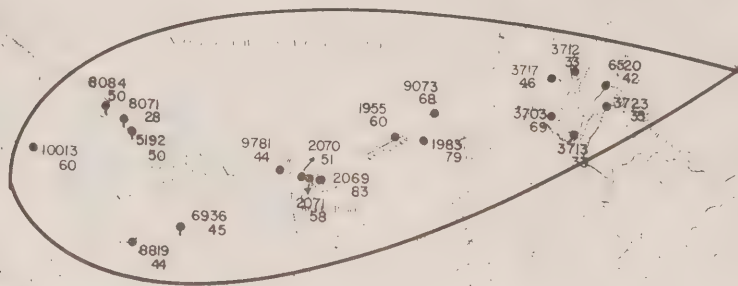
MV
MU



MAP 83
NTS SHEET: 41 A 7
MARKDALE
WESTERN SECTION







6206
60

7532
47

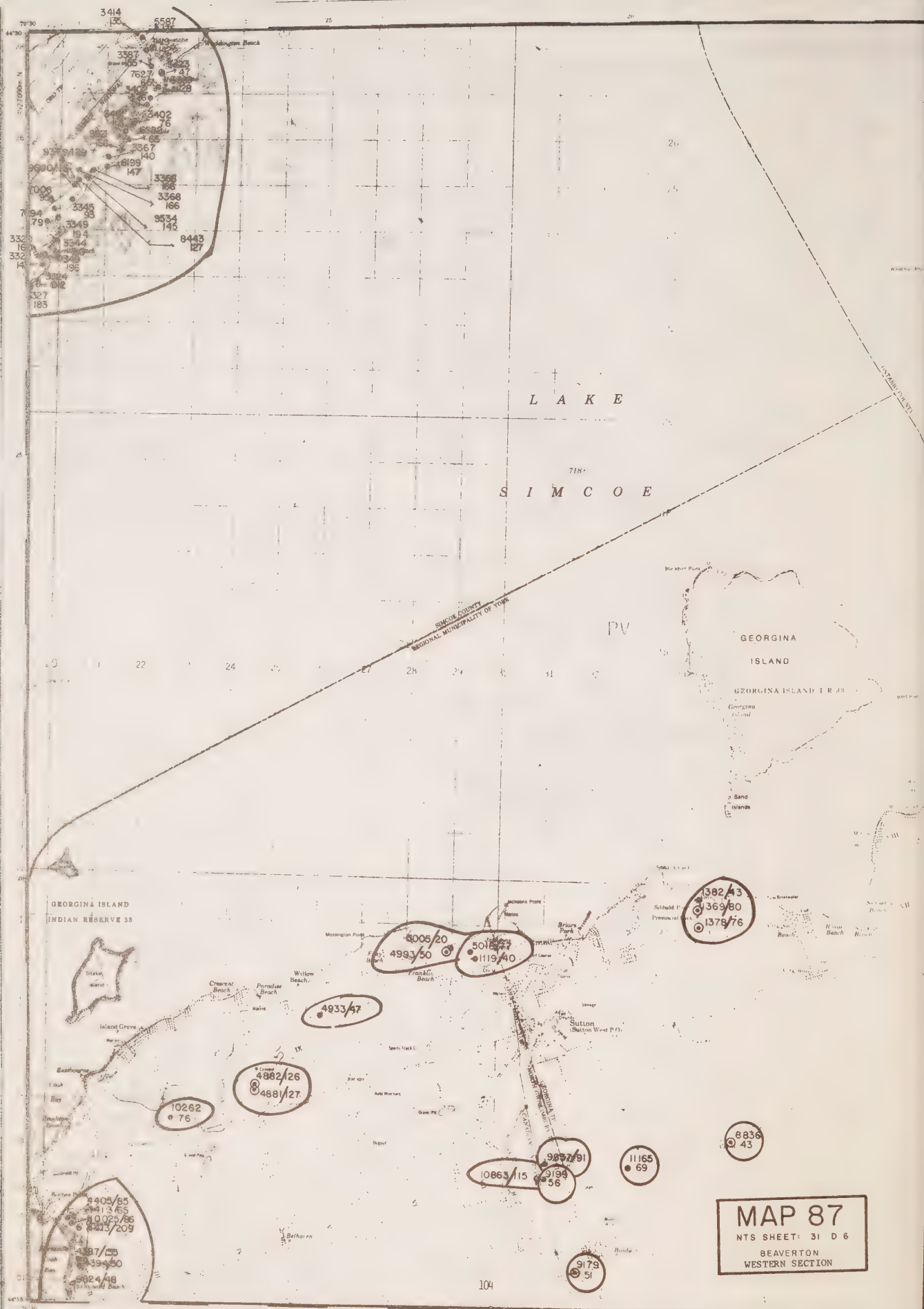
2530
30

MAP 84
NTS SHEET: 41 A 8
COLLINGWOOD
EASTERN SECTION



MAP 86
NTS SHEET: 31 D 5E
BARRIE EAST









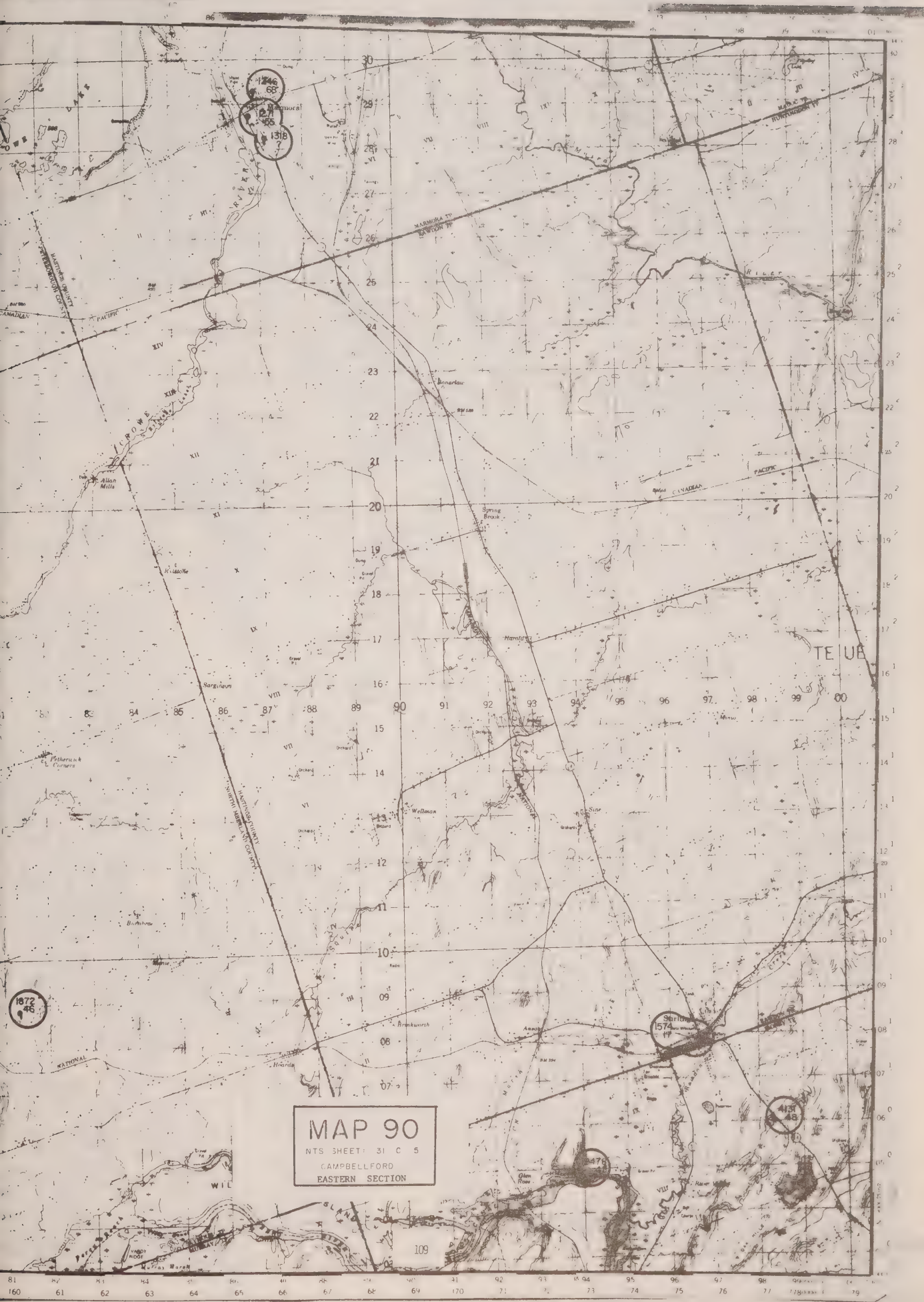
MAP 88
NTS SHEET: 31 D 7
LINDSAY

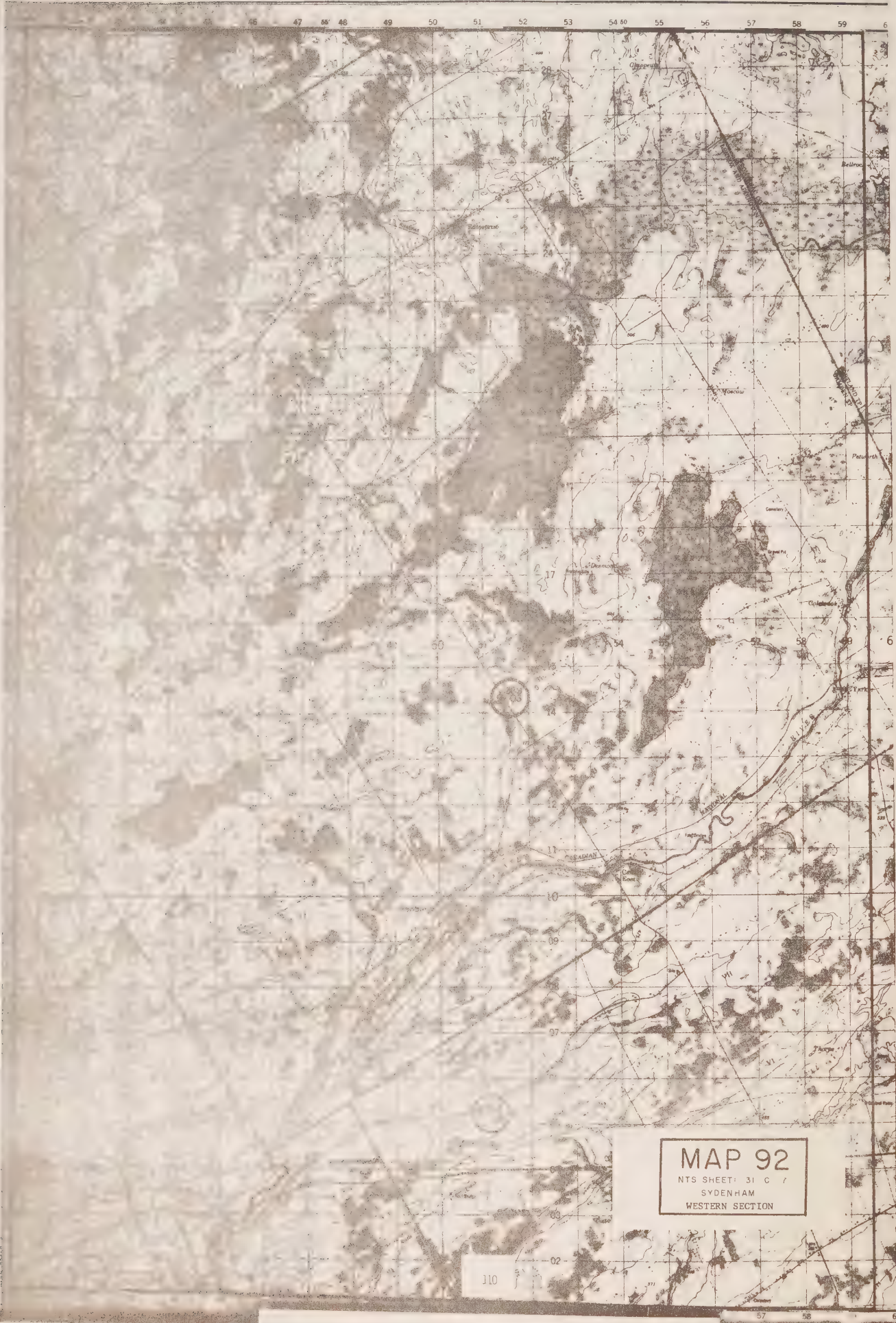


MAP 89
NTS SHEET 31 D 8
PETERBOROUGH



MAP 90
NTS SHEET: 31 C 5
CAMPBELLFORD
WESTERN SECTION





MAP 92
NTS SHEET: 31 C 7
SYDENHAM
WESTERN SECTION

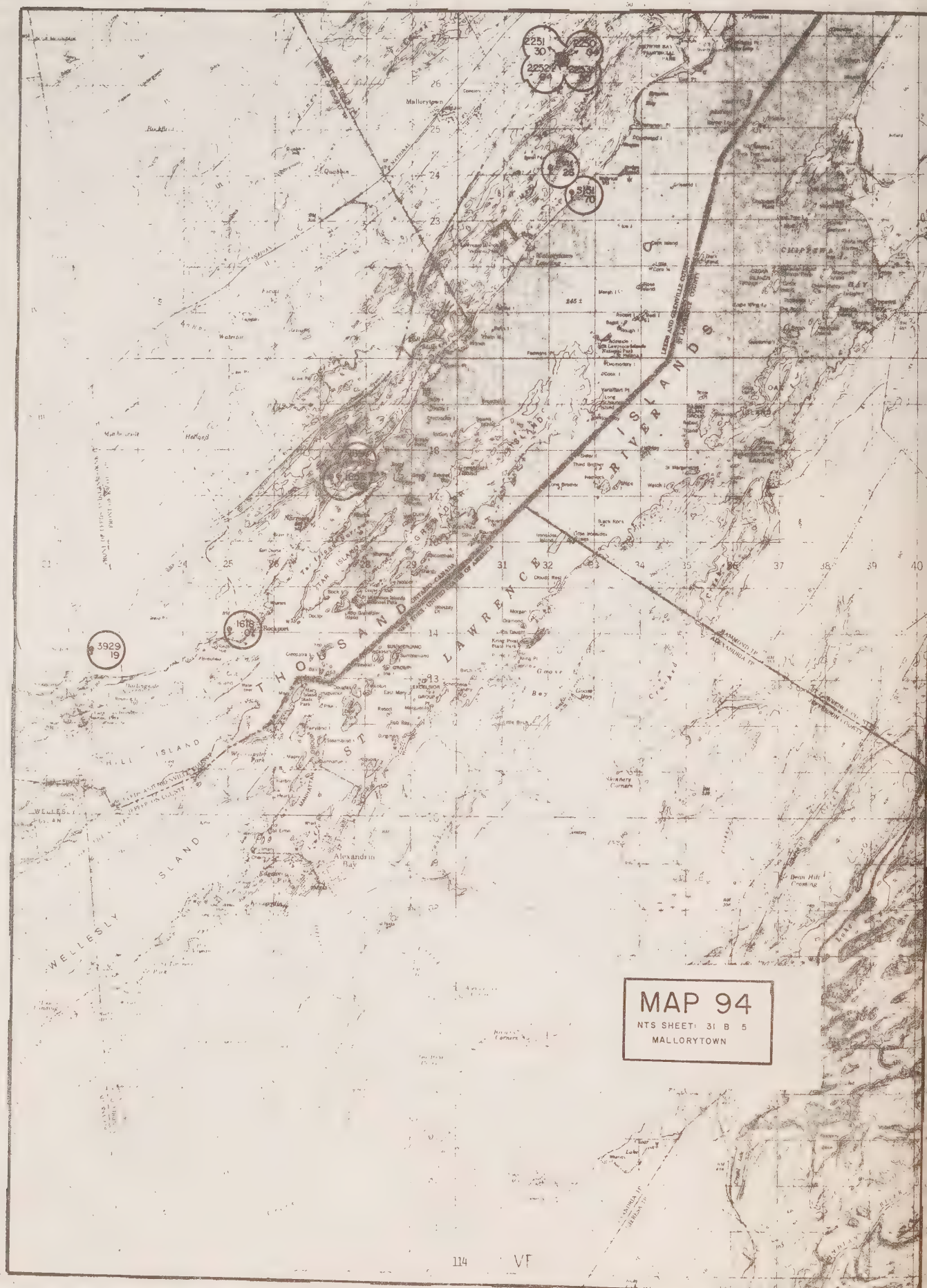




MAP 93

NTS SHEET: 31 C 8
GANANOCQE
WESTERN SECTION







MAP 95
NTS SHEET: 41 A II
WARTON

G E O



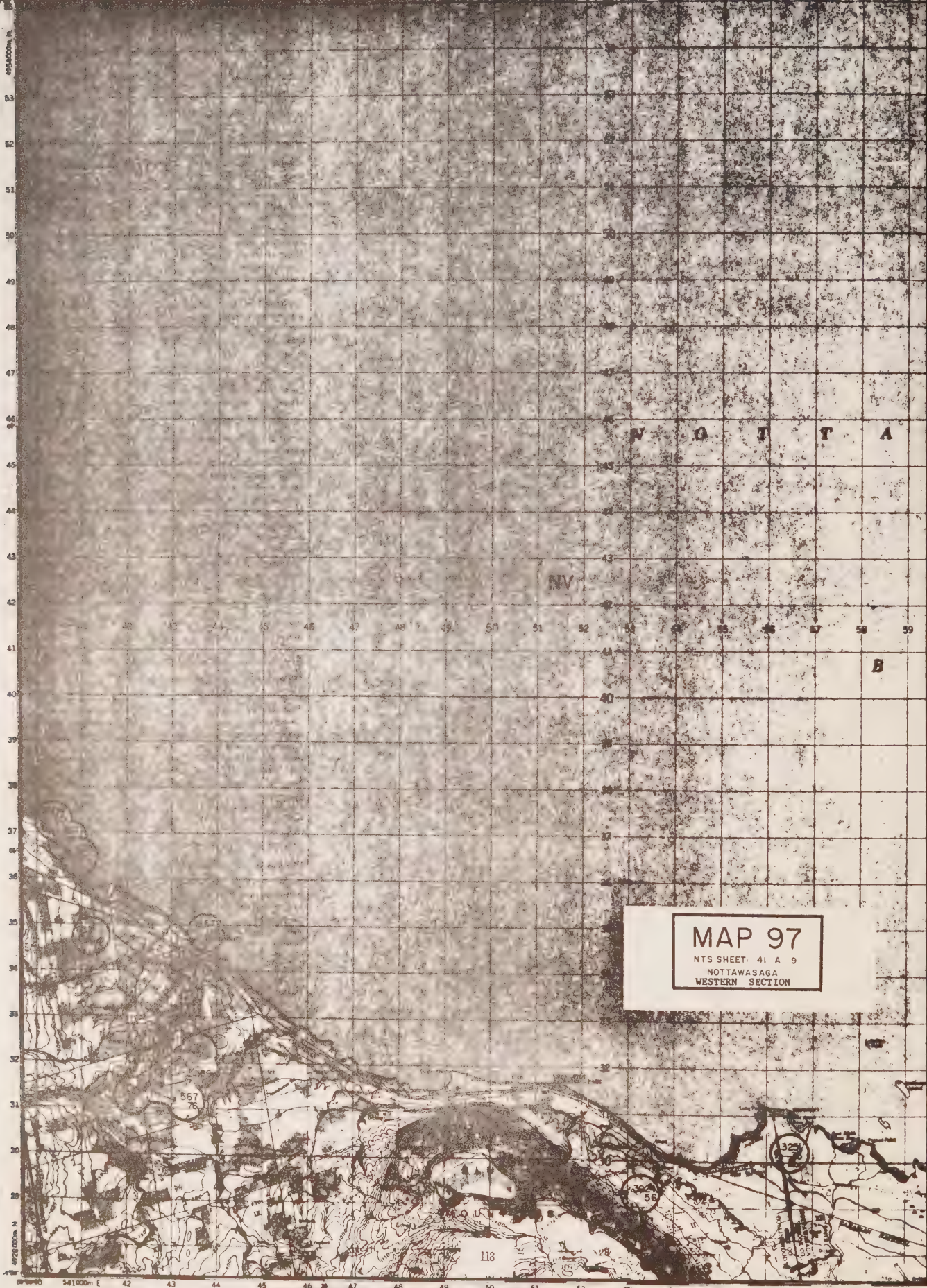
MAP 96

NTS SHEET: 41 A 10

OWEN SOUND
WESTERN SECTION



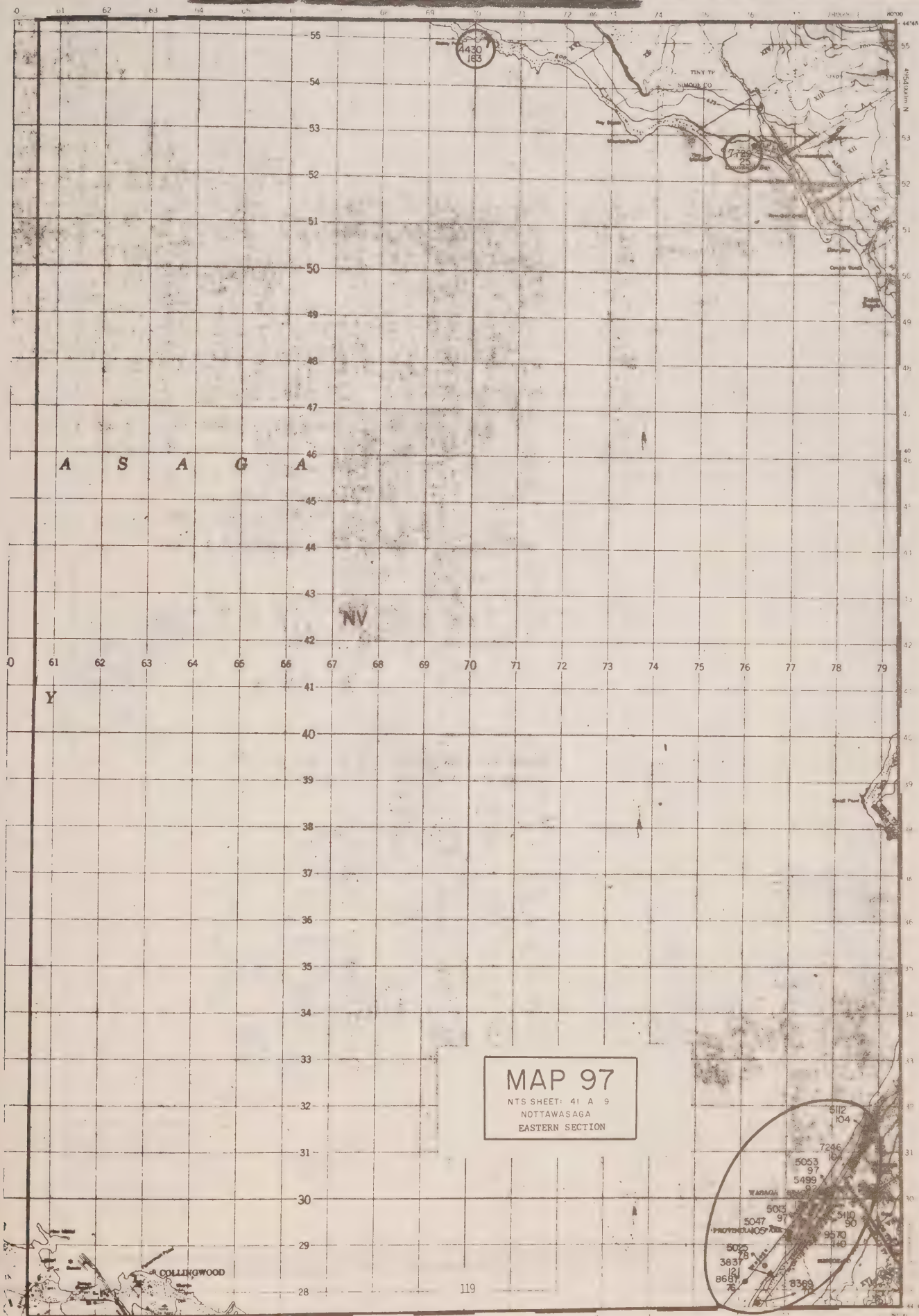
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60



MAP 97

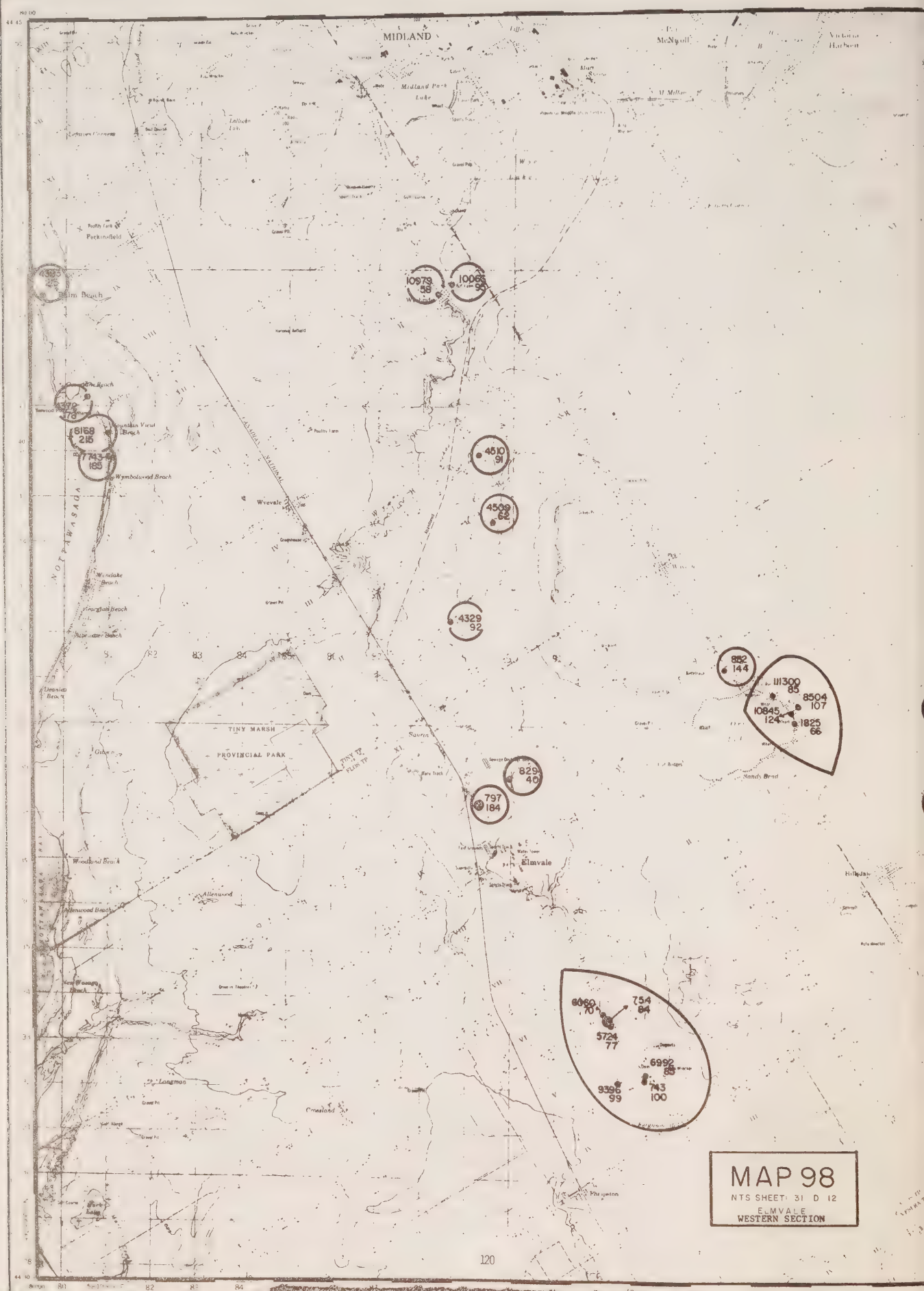
NTS SHEET: 41 A 9
NOTTAWASAGA
WESTERN SECTION

118



MAP 97

NTS SHEET: 41 A 9
NOTTAWASAGA
EASTERN SECTION



10060
108

1863
42

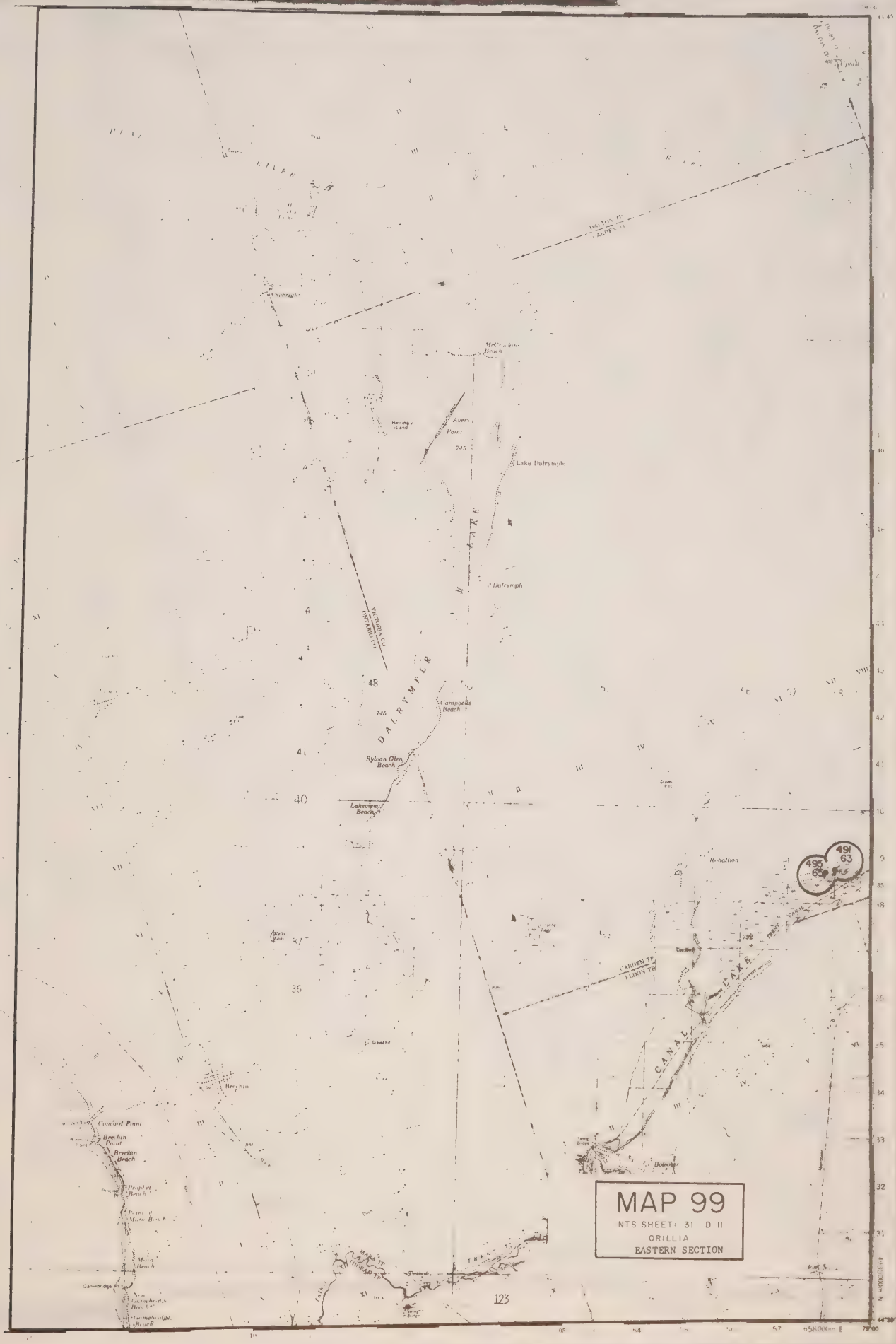
MAP 98
NTS SHEET: 31 D 12
ELMVALE
EASTERN SECTION

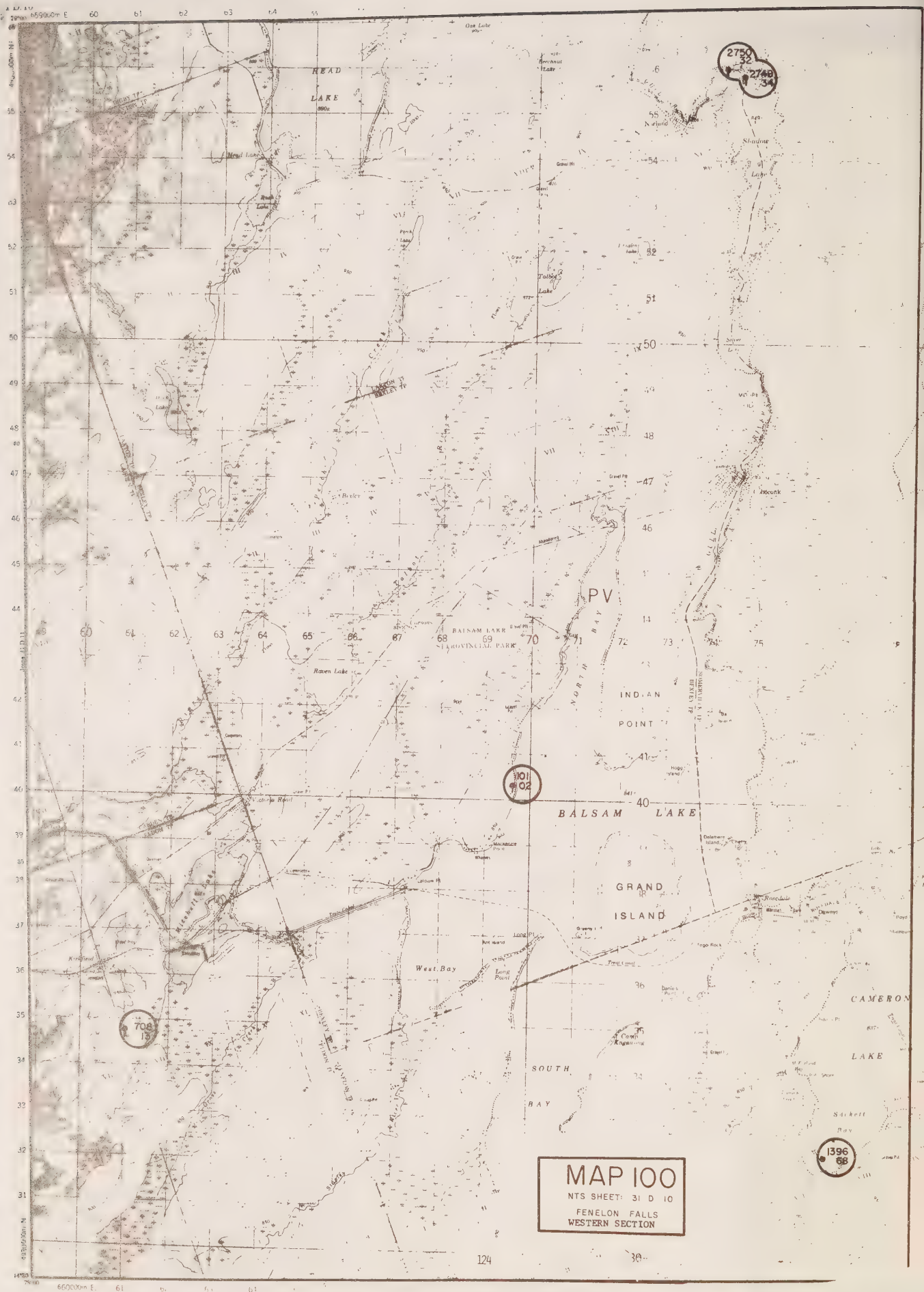


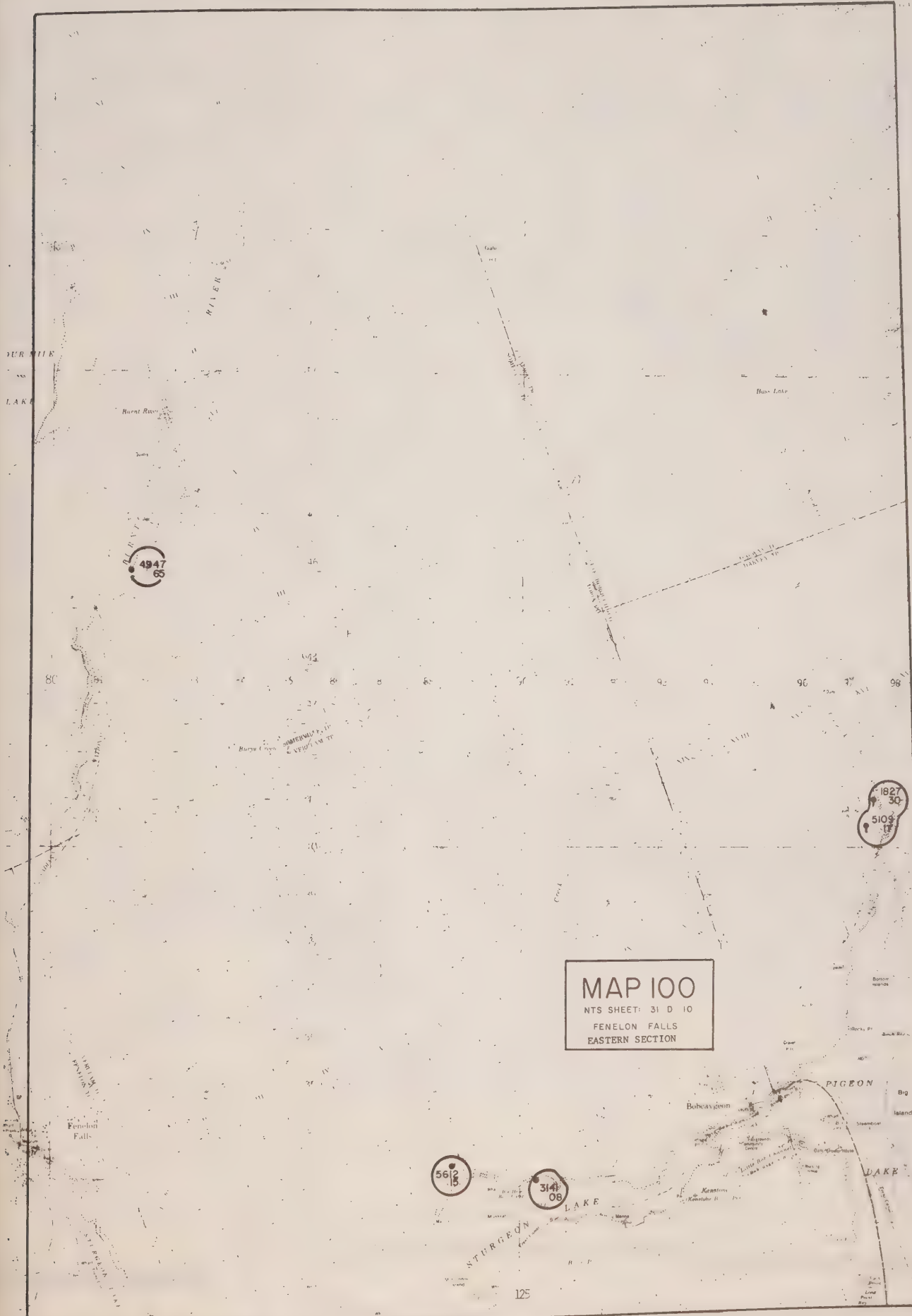
SIMCOE

MAP 99

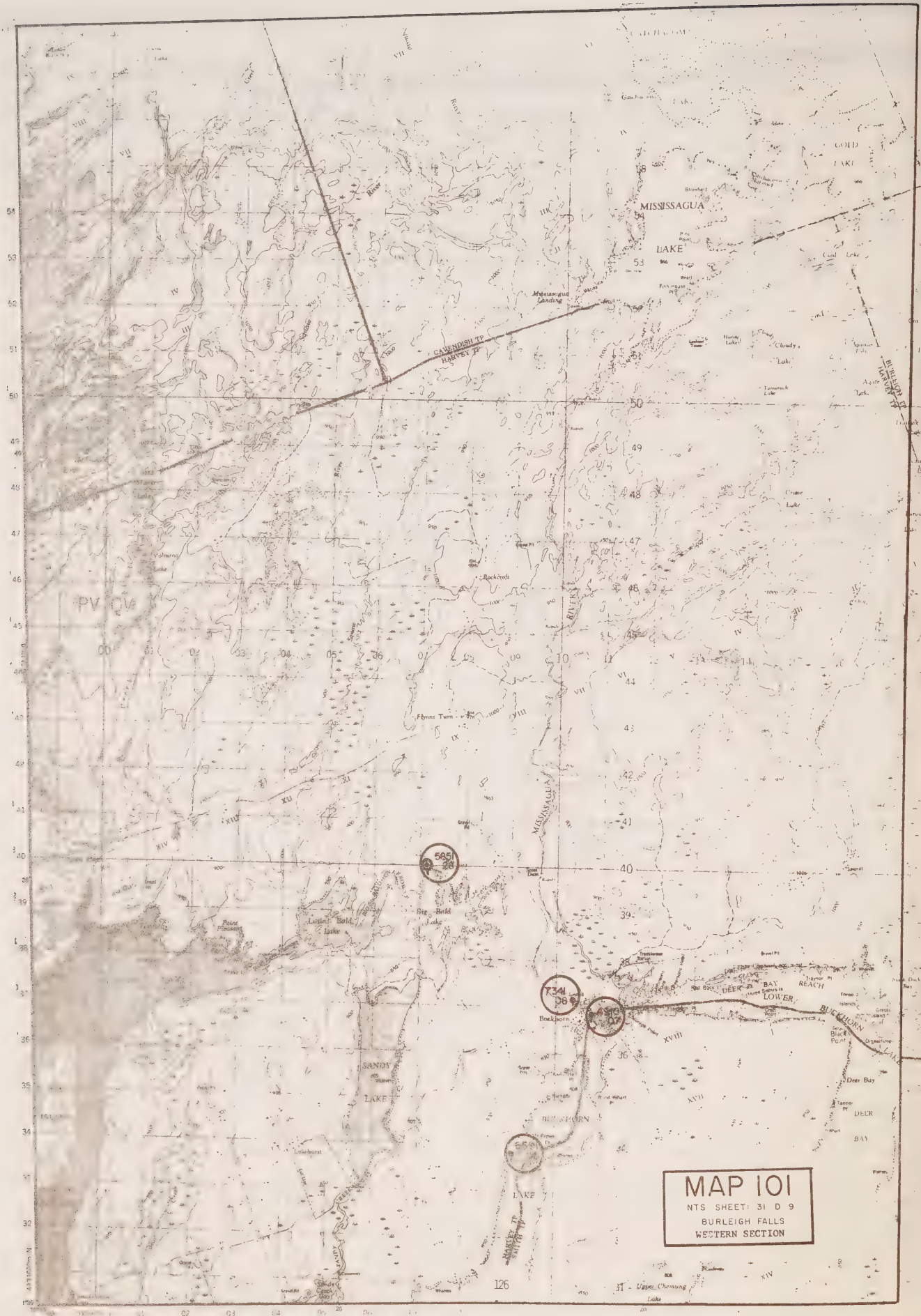
NTS SHEET: 31 D II
ORILLIA
WESTERN SECTION







MAP 100
NTS SHEET: 31 D 10
FENELON FALLS
EASTERN SECTION

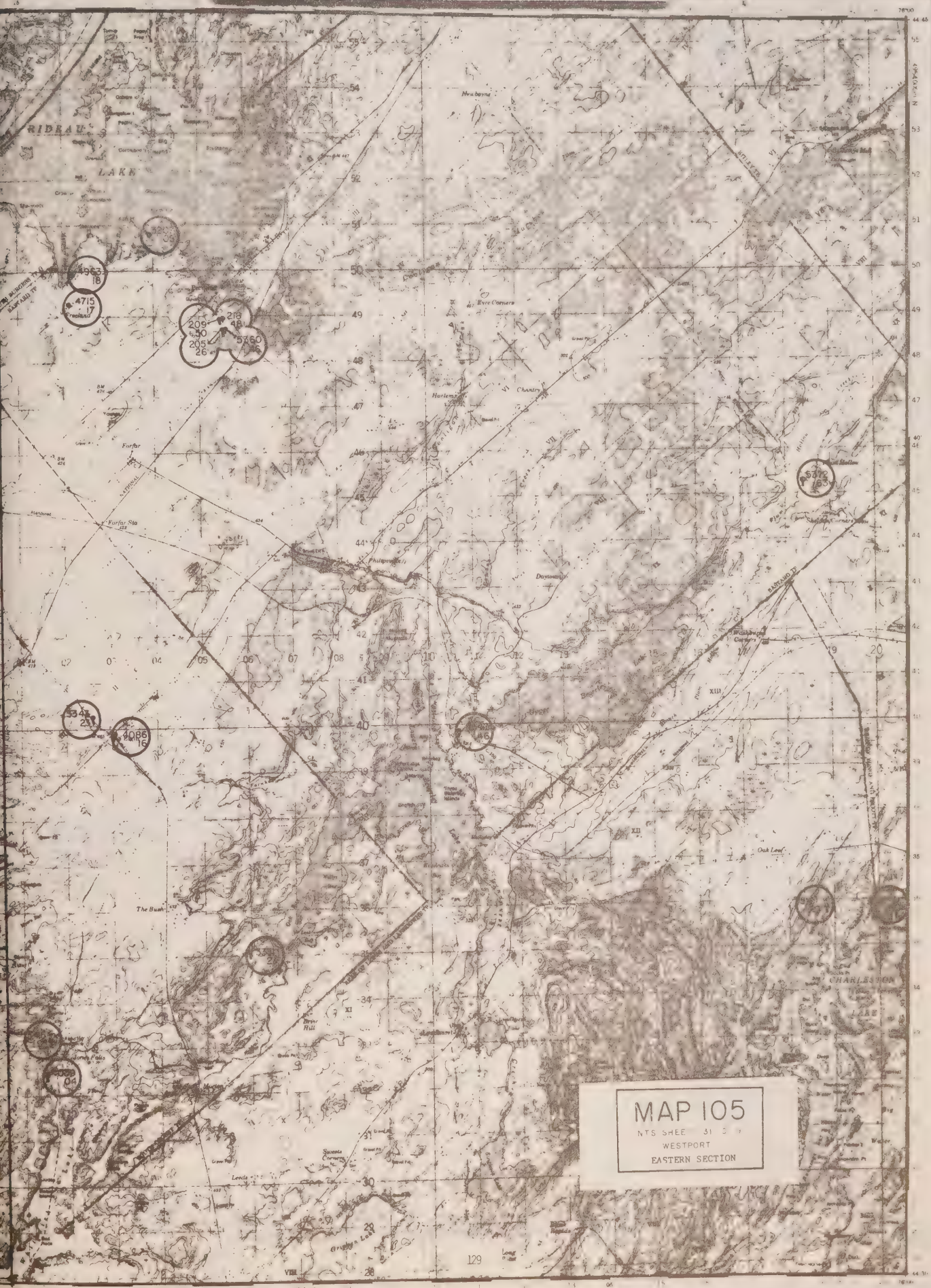


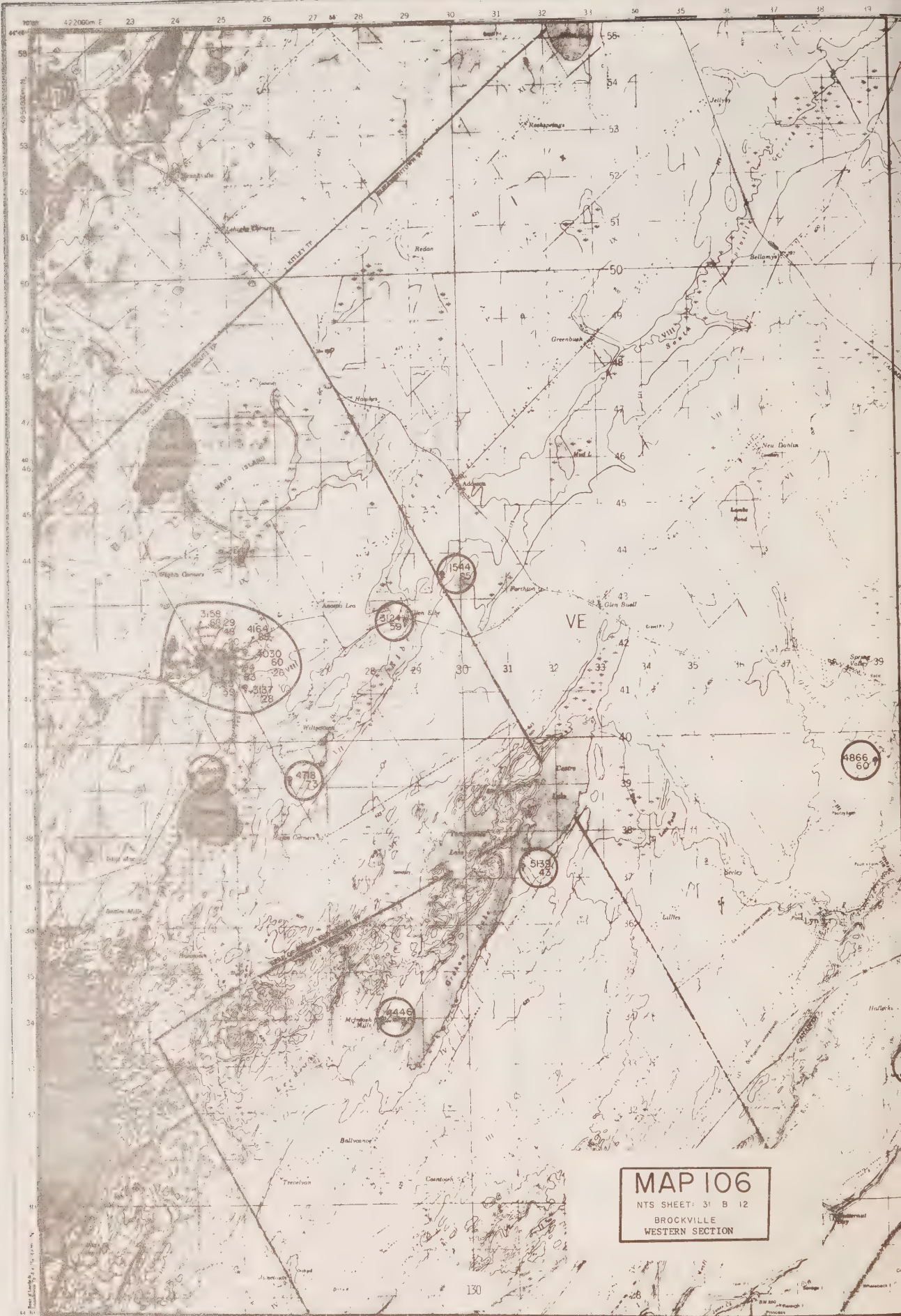
MAP 101
NTS SHEET: 31 D 9
BURLEIGH FALLS
WESTERN SECTION



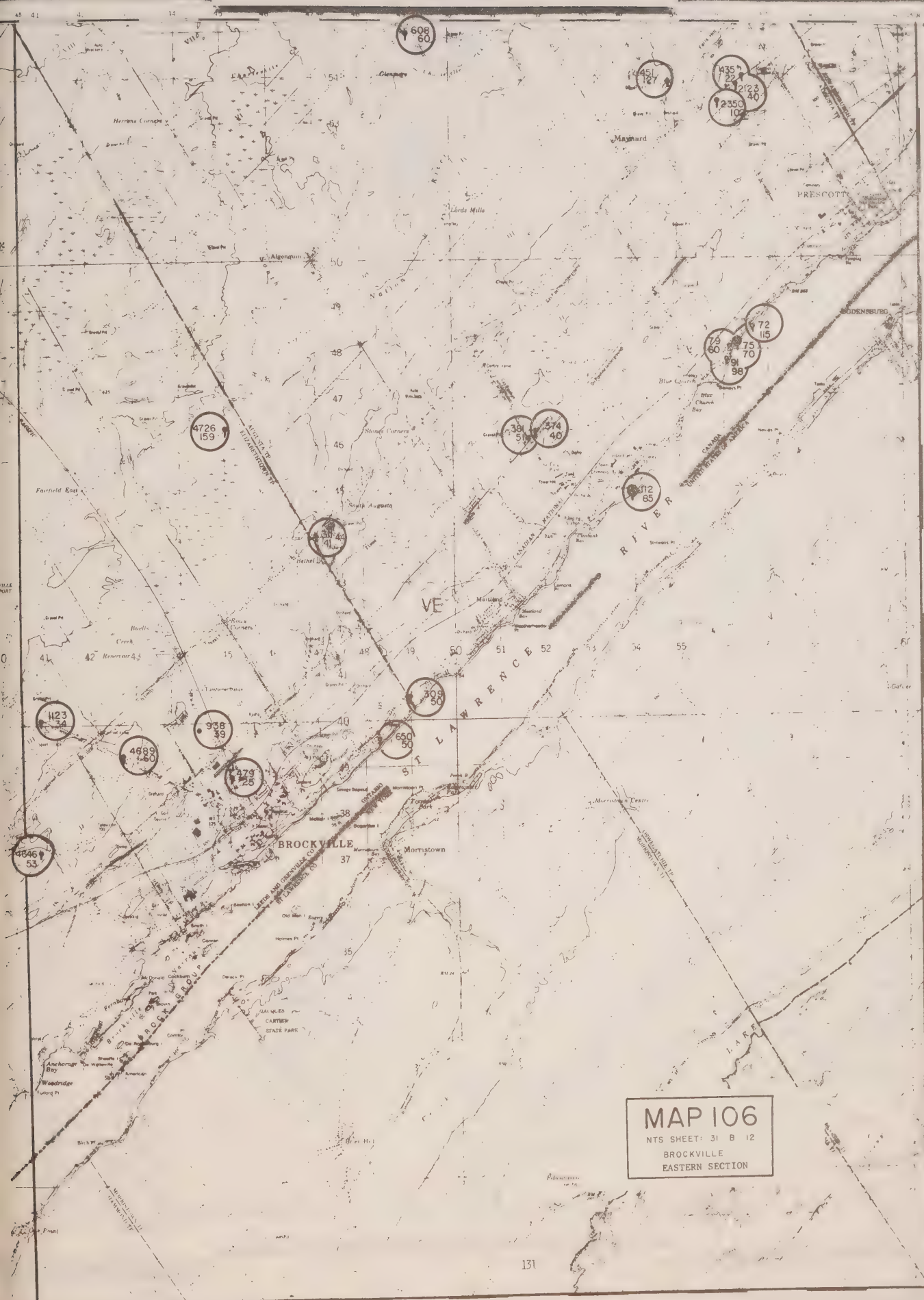


MAP 105
NTS SHEET: 31 C 9
WESTPORT
WESTERN SECTION



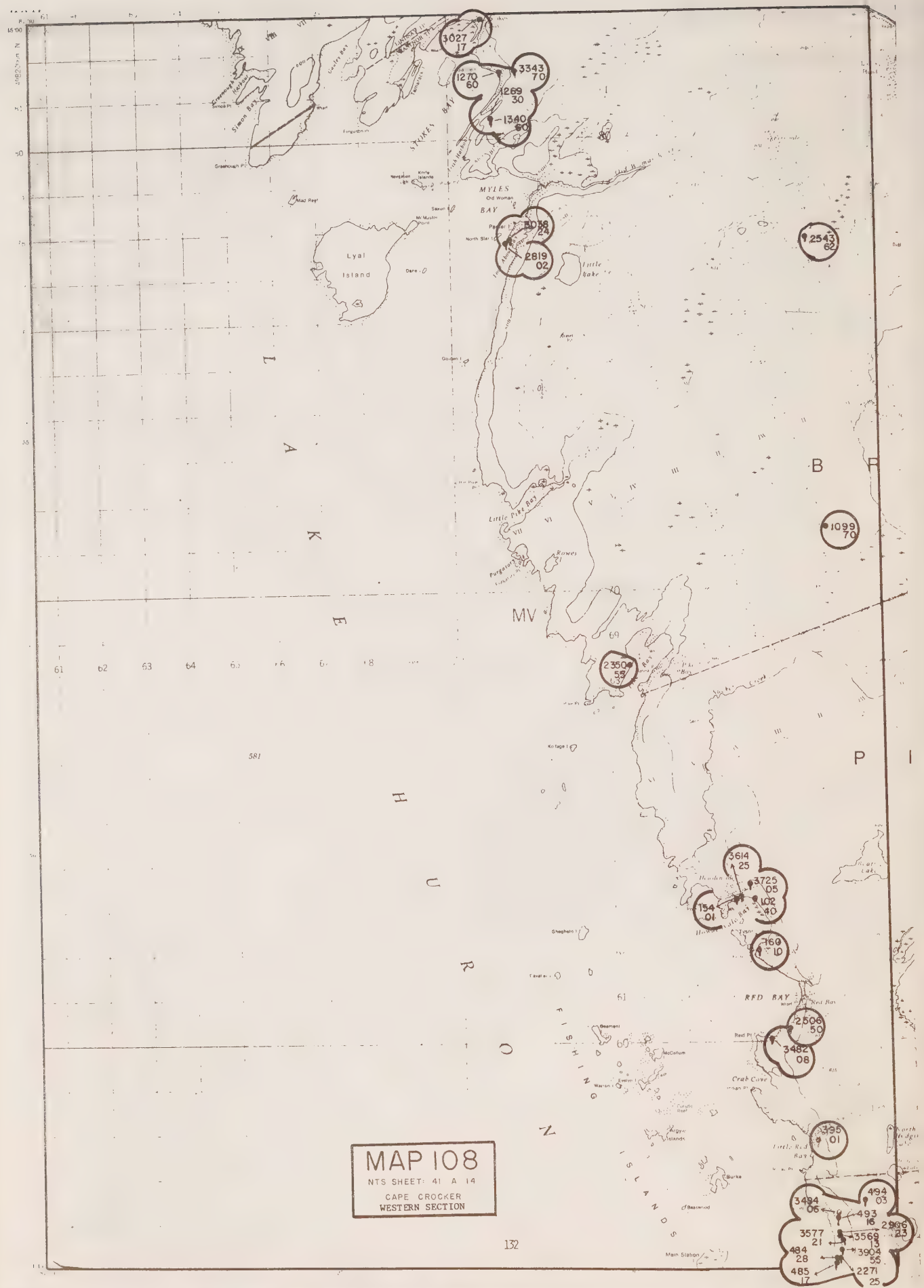


MAP 106
NTS SHEET: 31 B 12
BROCKVILLE
WESTERN SECTION

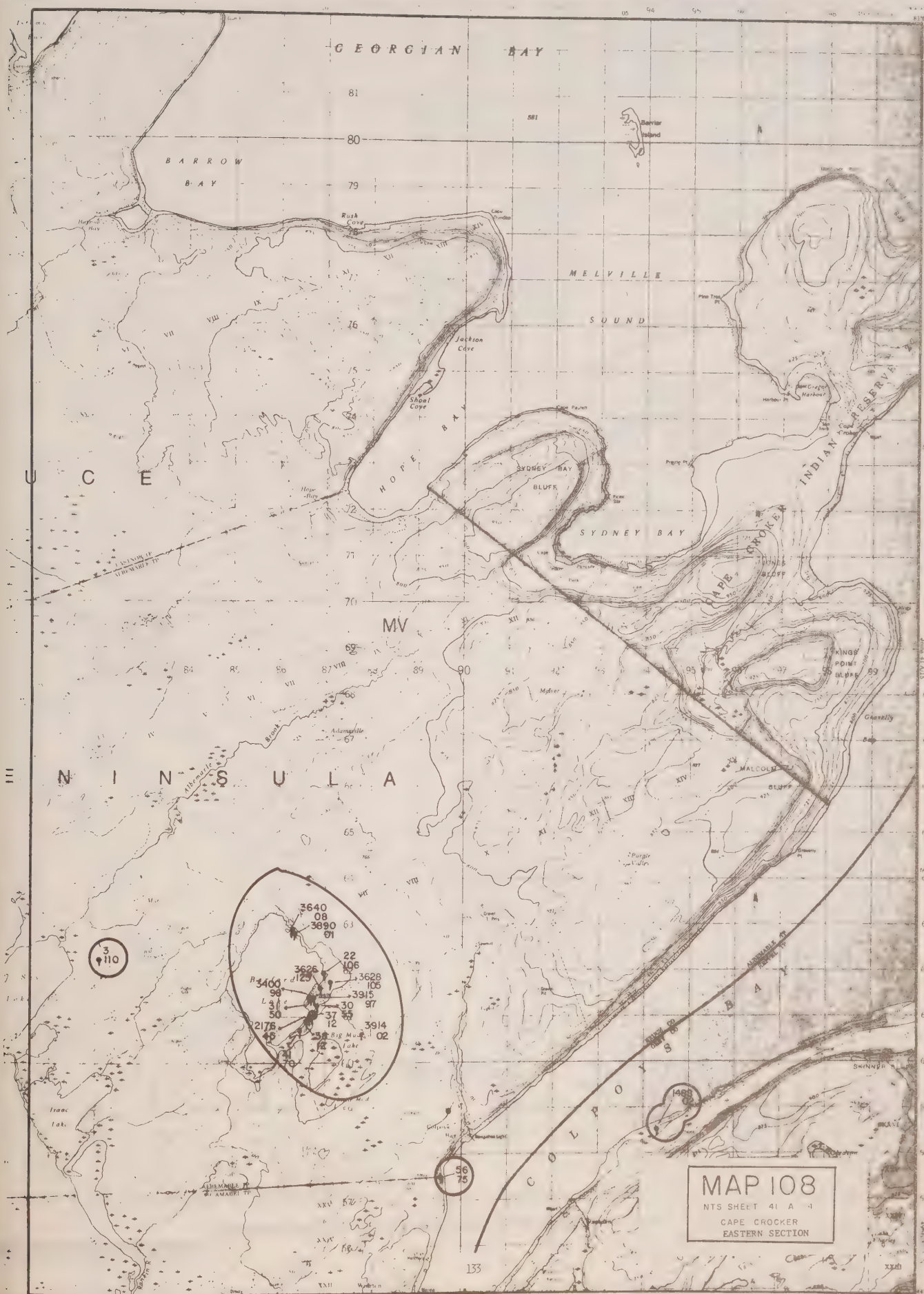


MAP 106

NTS SHEET: 31 B 12
BROCKVILLE
EASTERN SECTION



MAP 108
NTS SHEET: 41 A 14
CAPE CROCKER
WESTERN SECTION



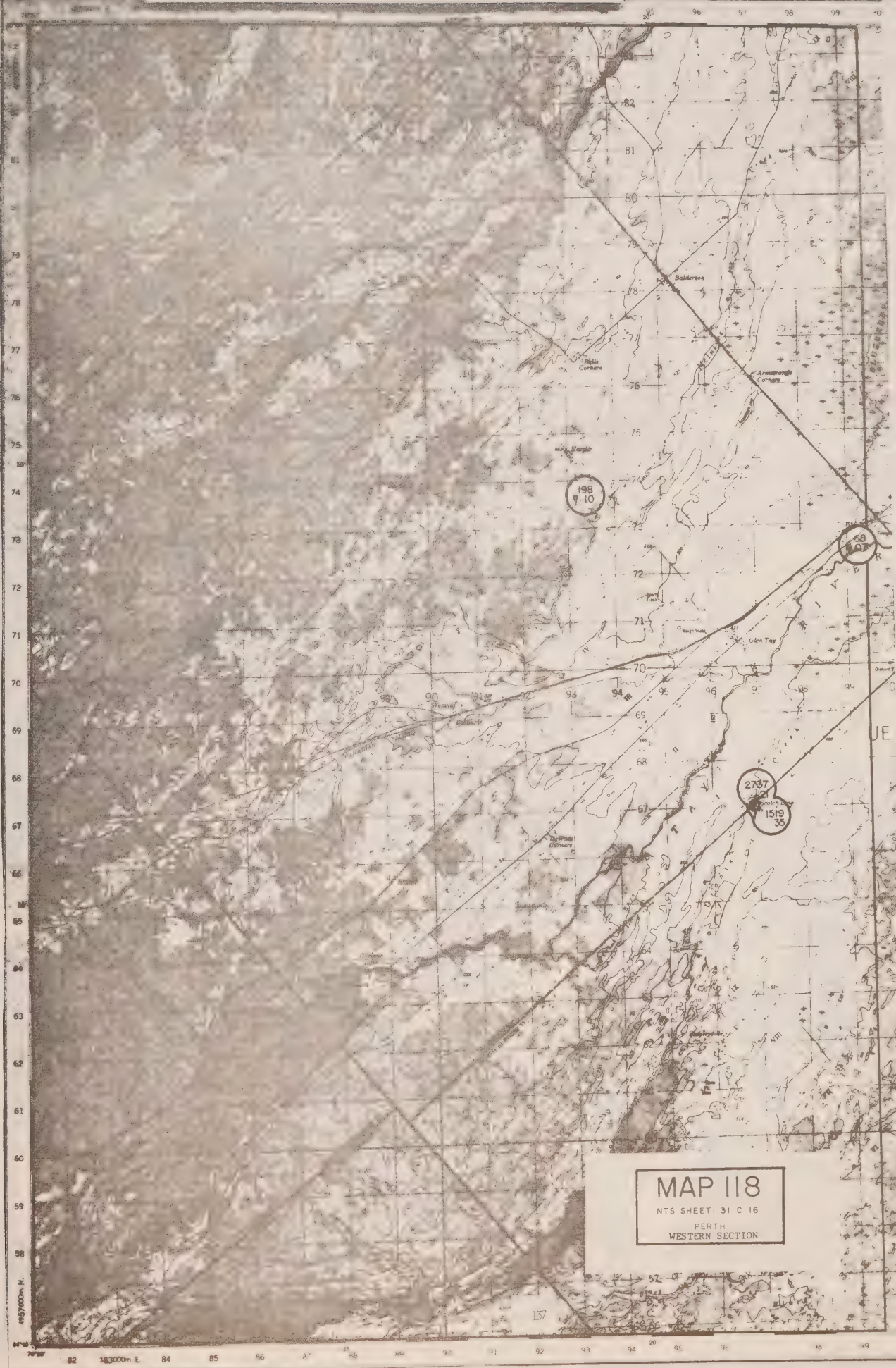
MAP 108
NTS SHEET 41 A-1
CAPE CROKER
EASTERN SECTION



267
04

MAP II2
NTS SHEET: 31 D 14
GRAVENHURST
EASTERN SECTION

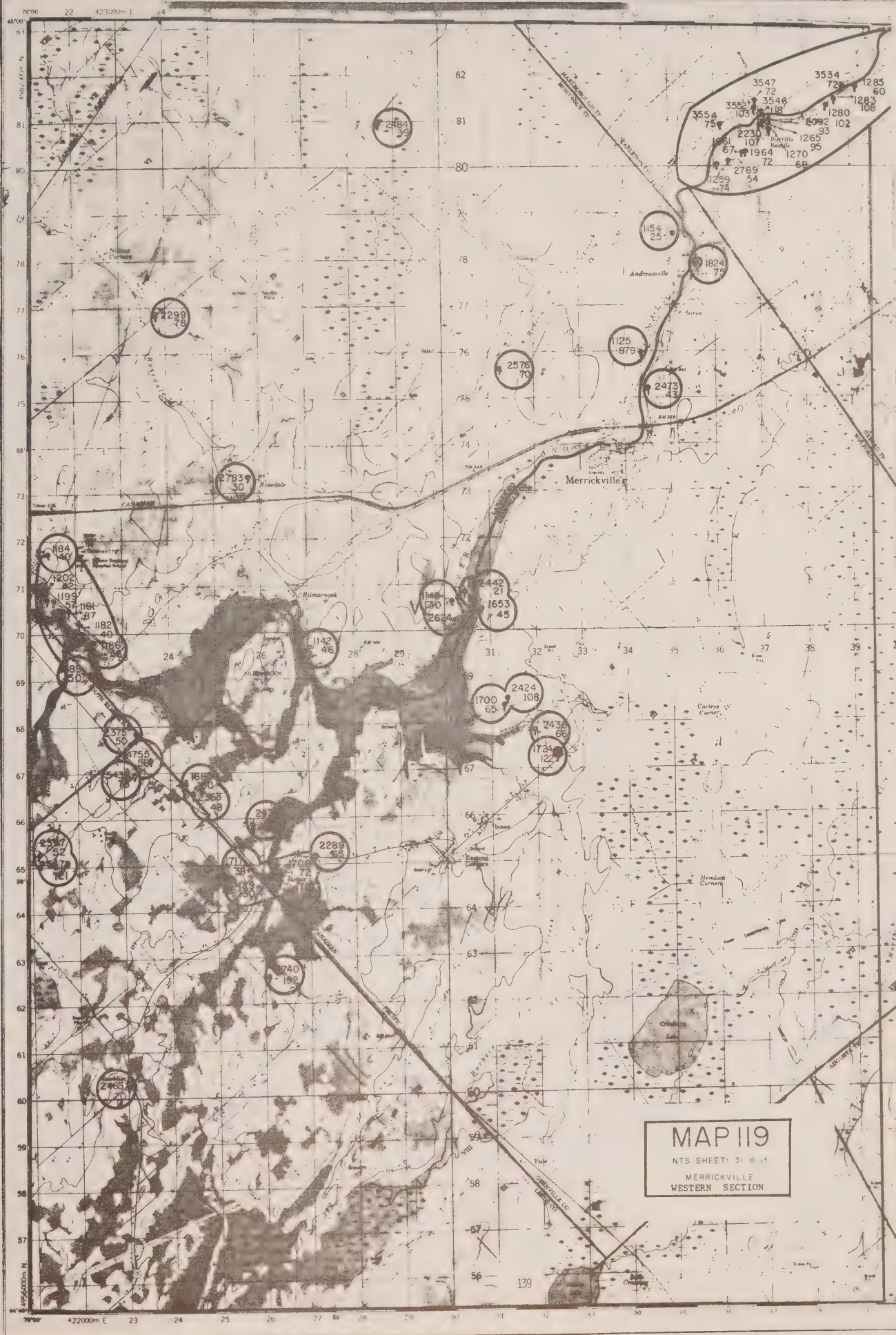


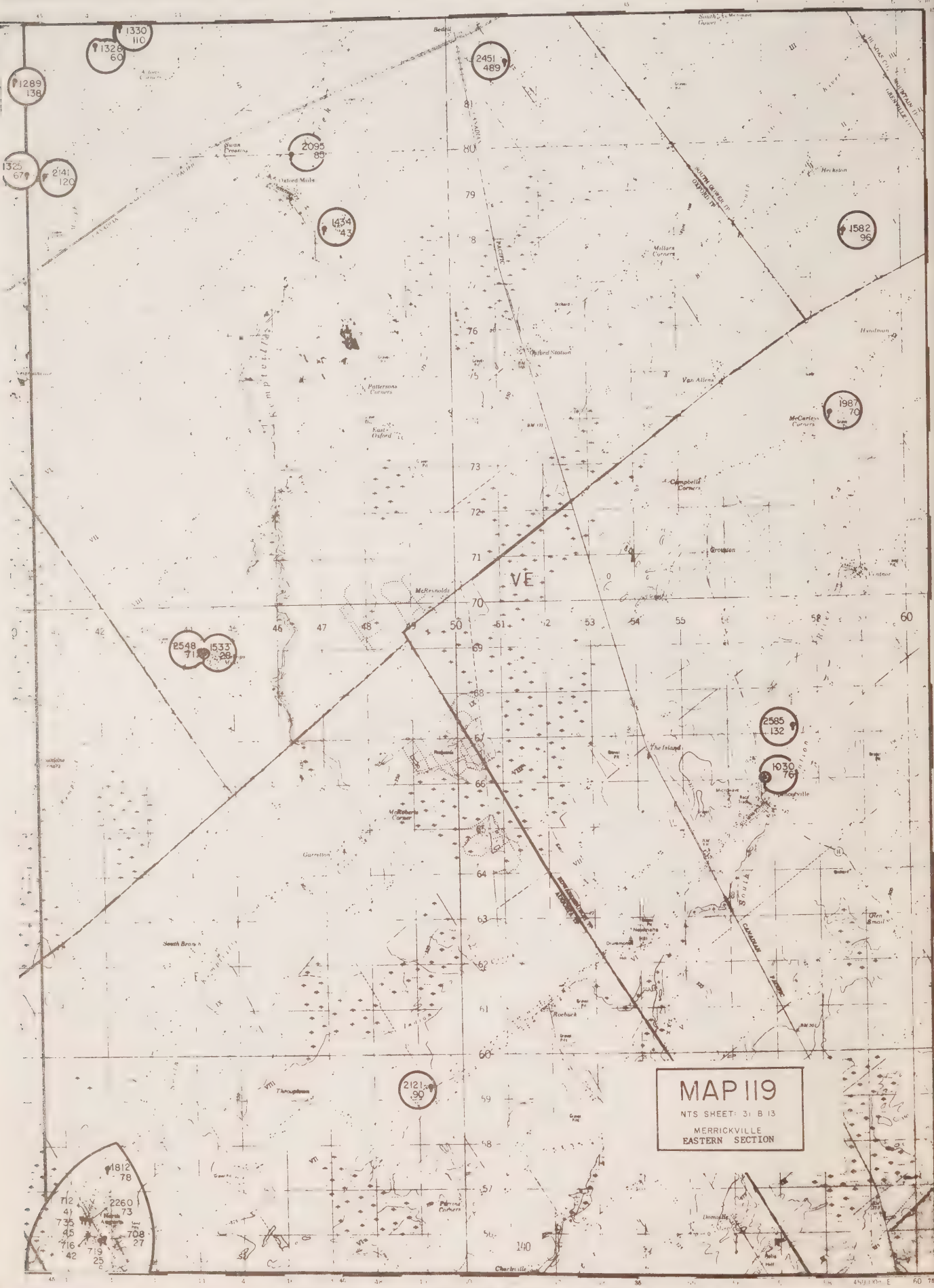


MAP 118

NTS SHEET: 31 C 16

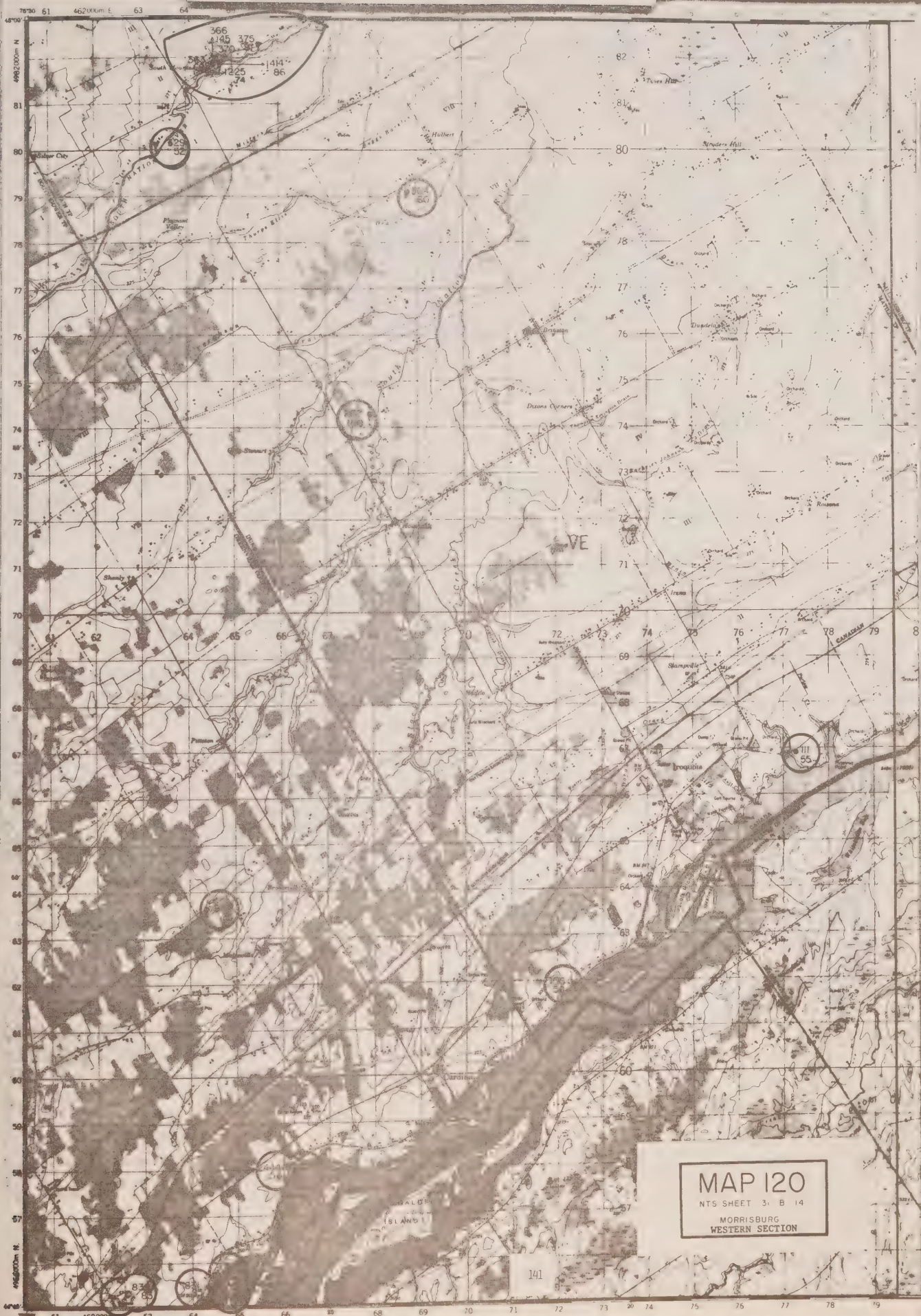
PERTH
WESTERN SECTION





MAP 119

NTS SHEET: 31 B 13
MERRICKVILLE
EASTERN SECTION



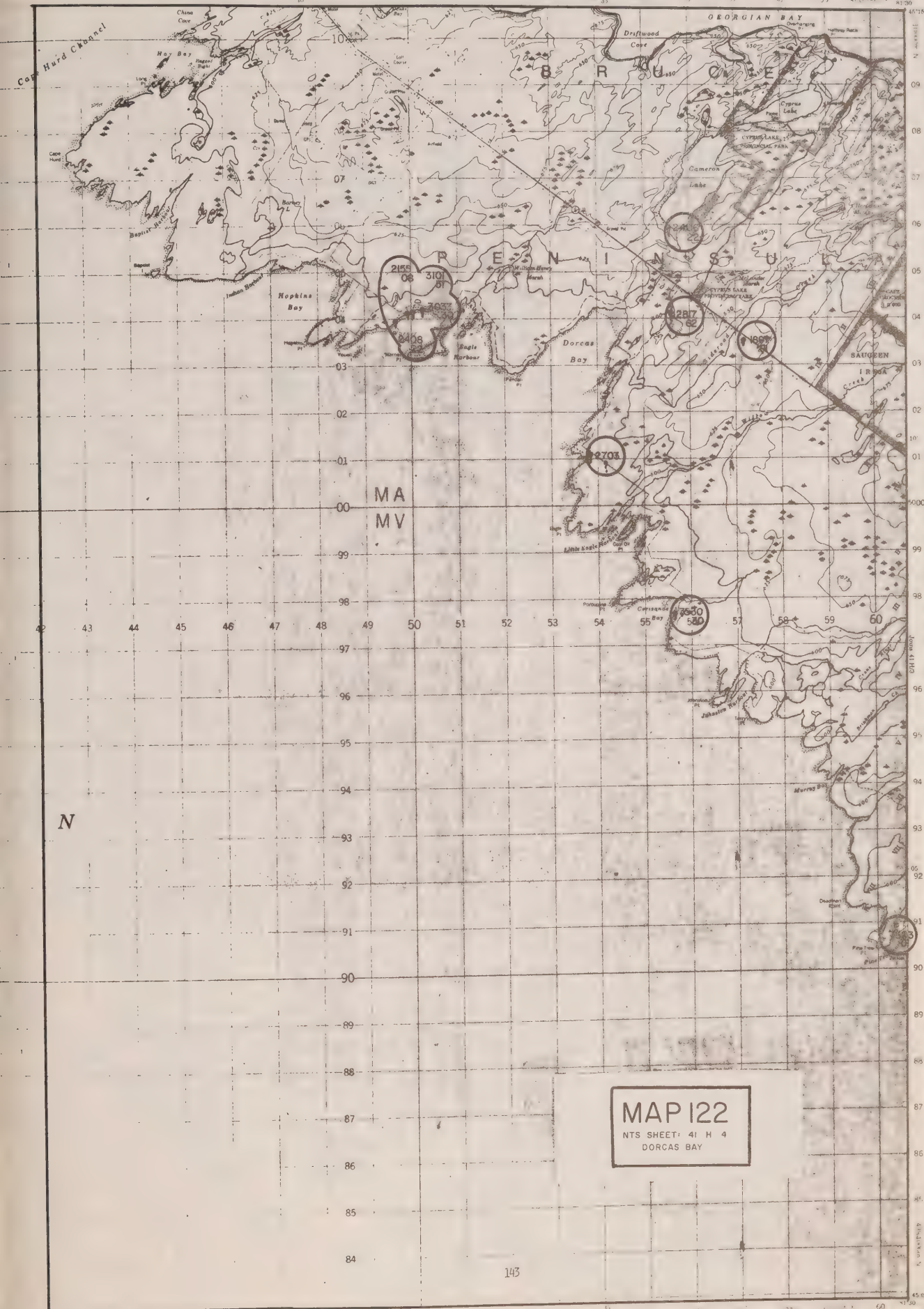
MAP 120

NTS SHEET 3, B 14

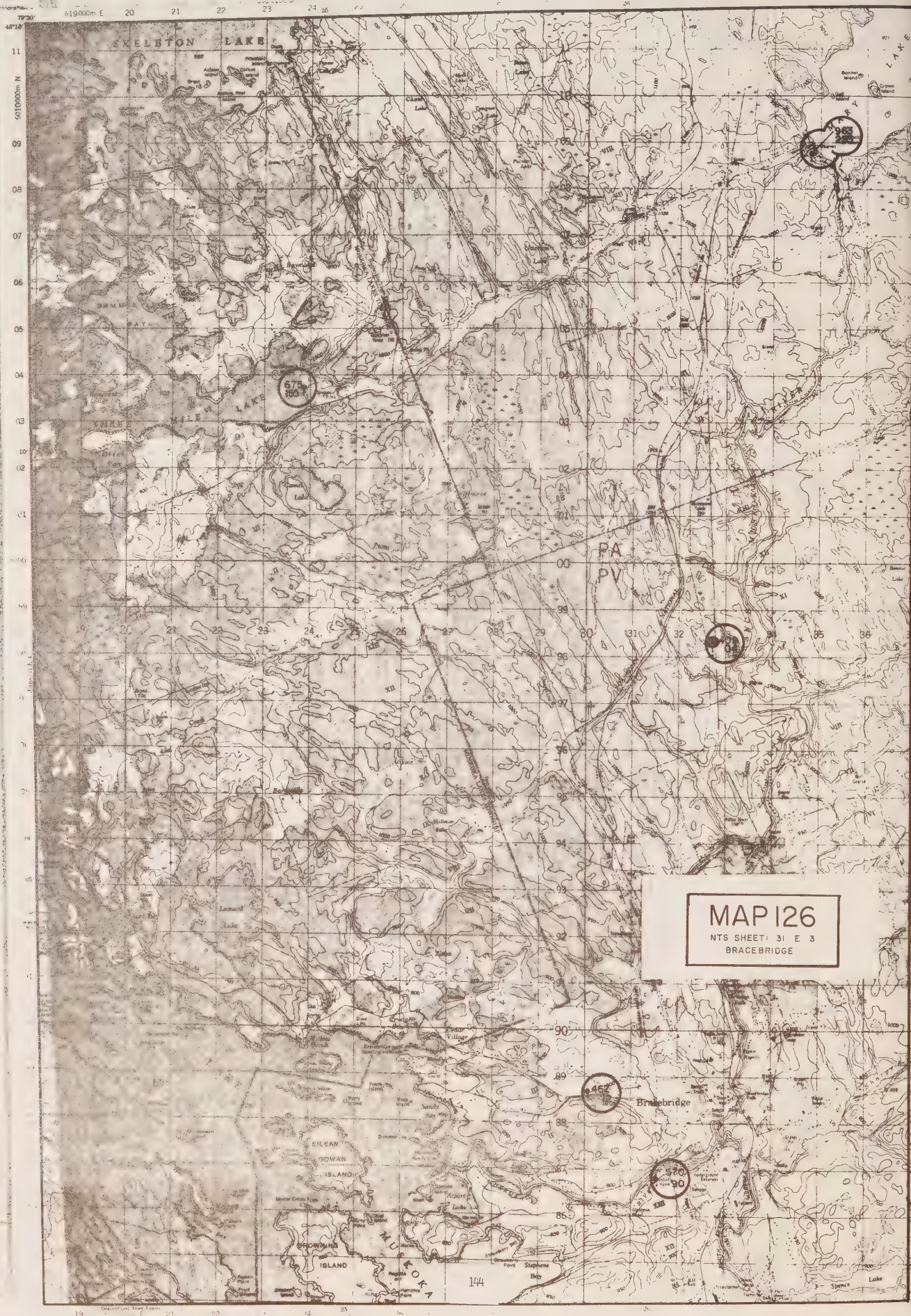
MORRISBURG
WESTERN SECTION

141



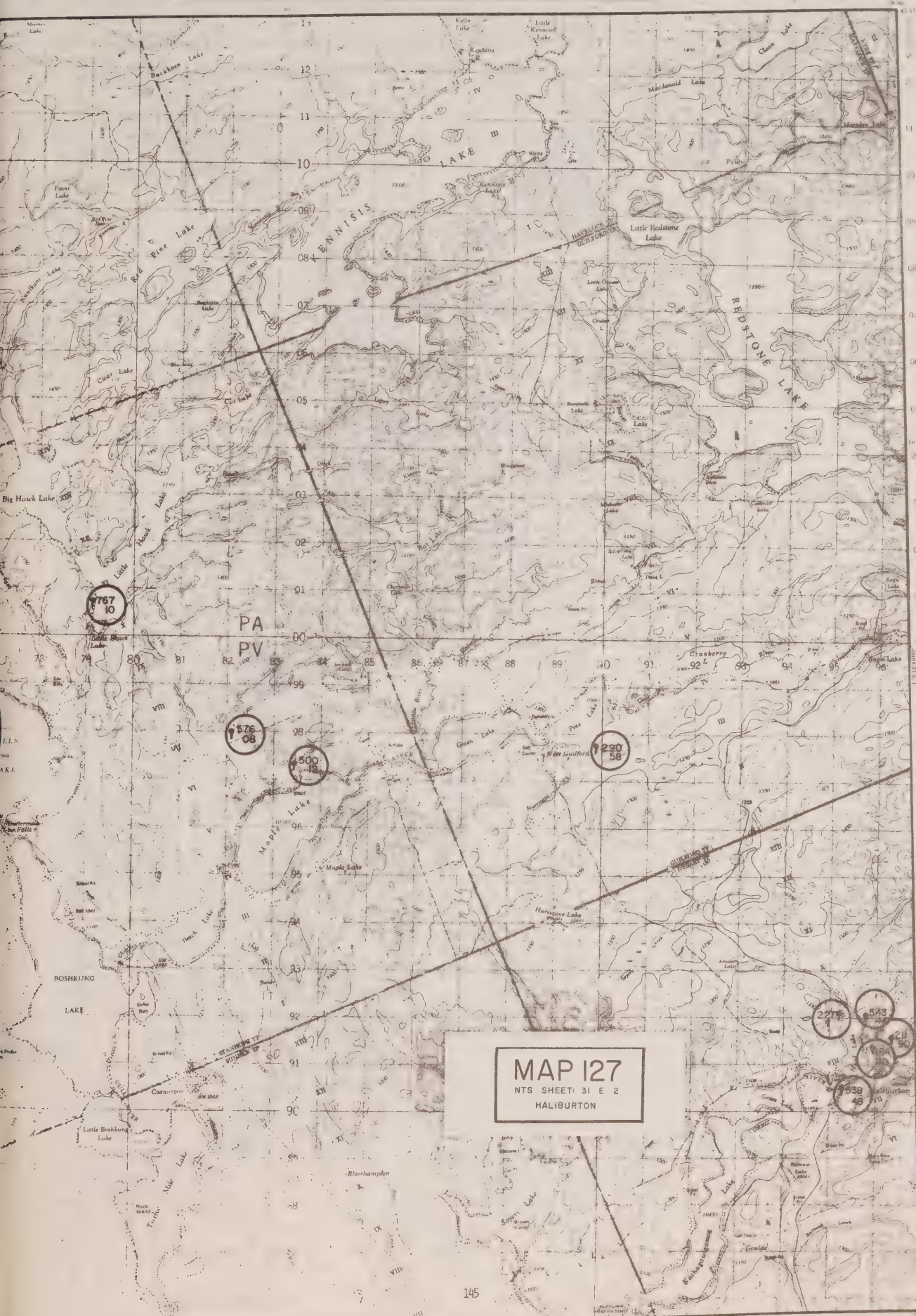


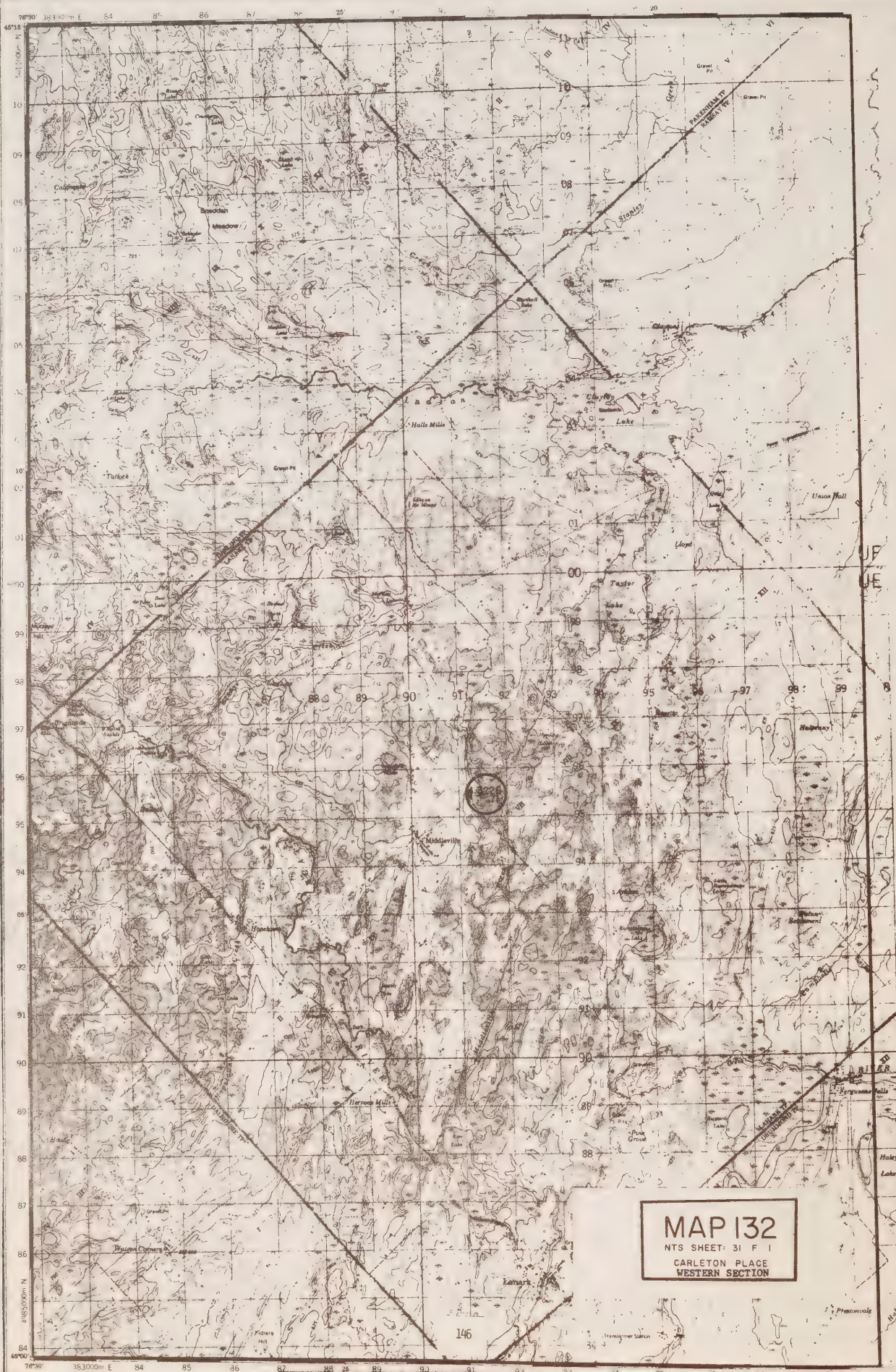
MAP 122
NTS SHEET: 41 H 4
DORCAS BAY



MAP 126

NTS SHEET: 31 E 3
BRICEBRIDGE

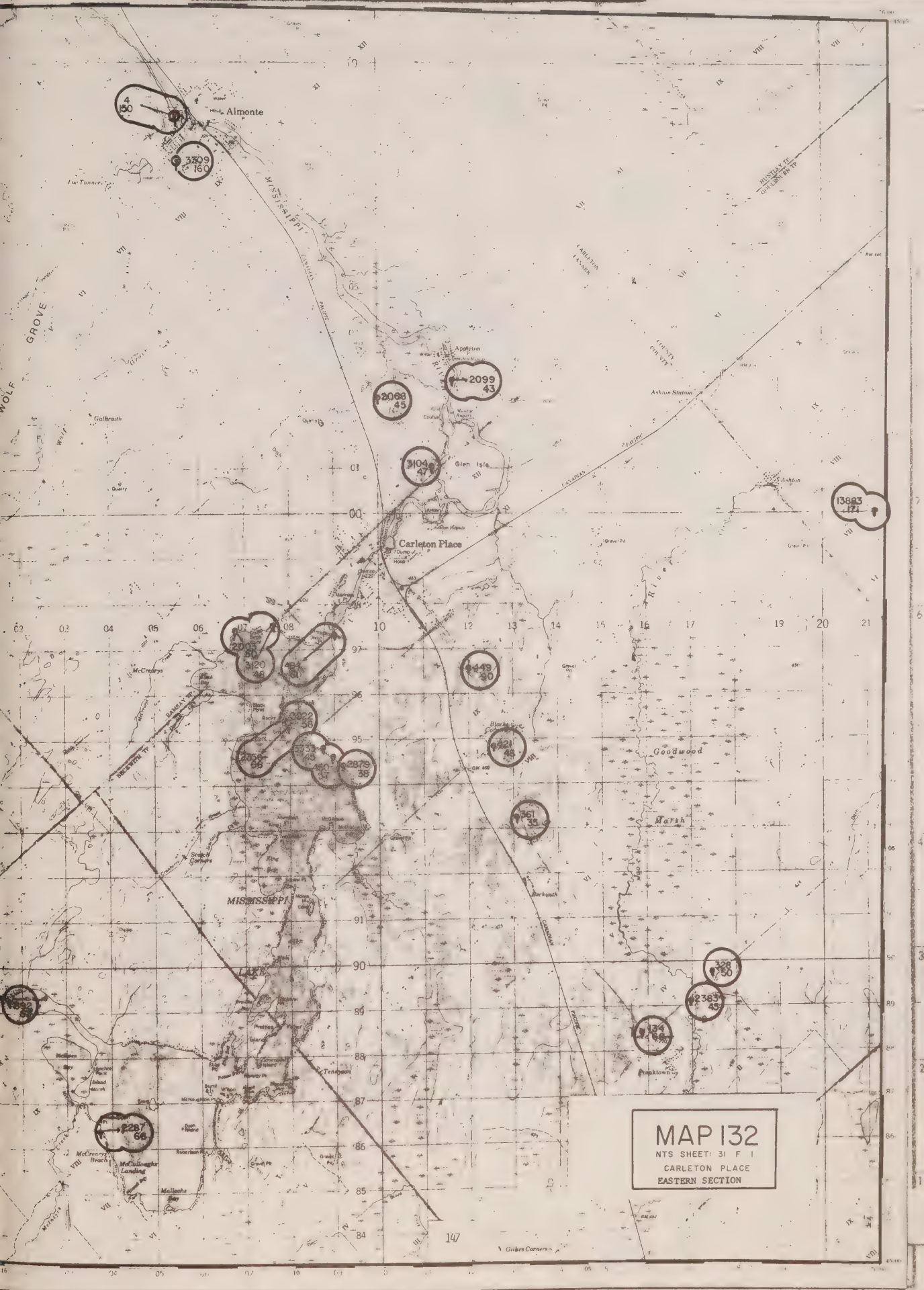




MAP 132

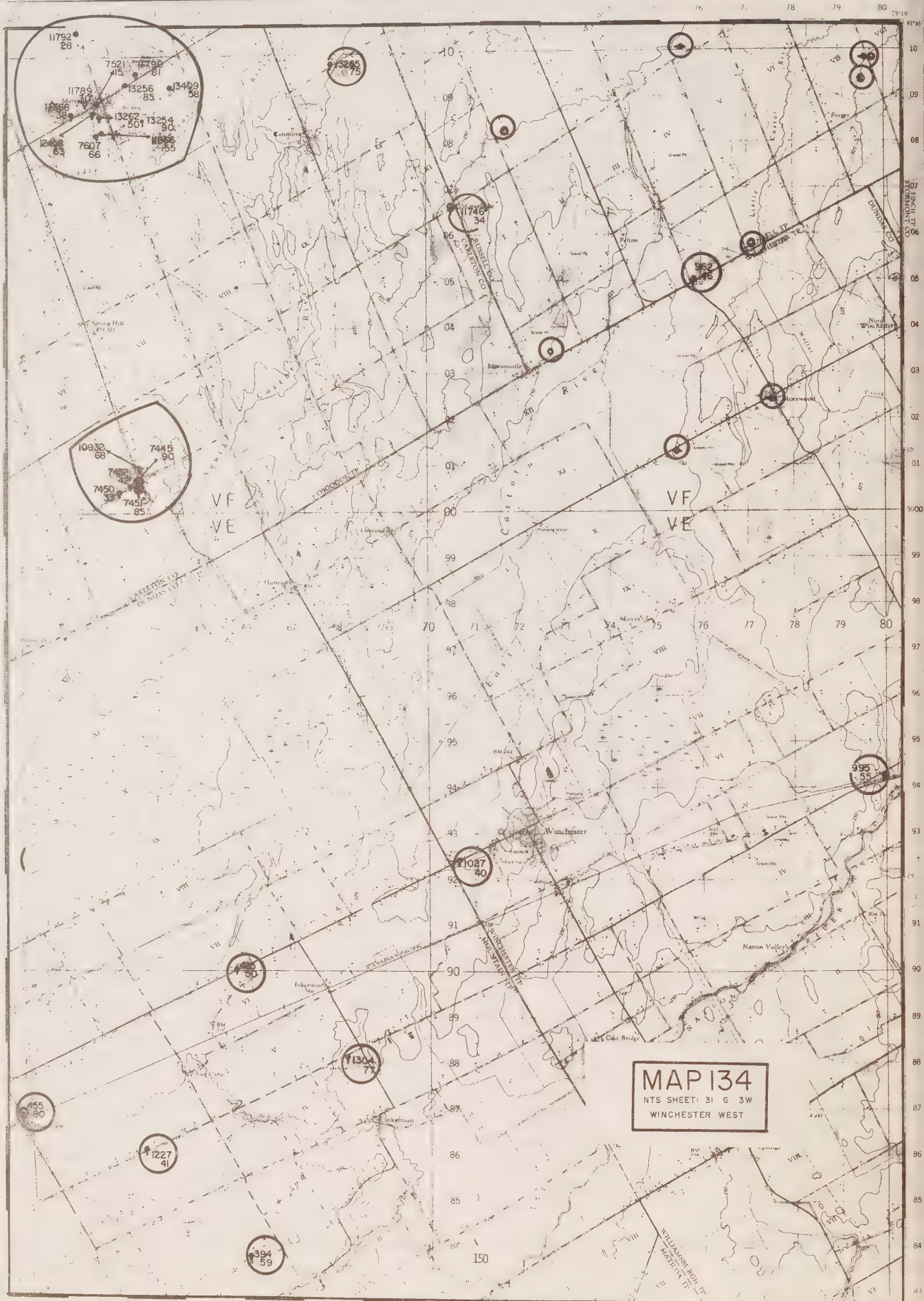
NTS SHEET: 31 F I

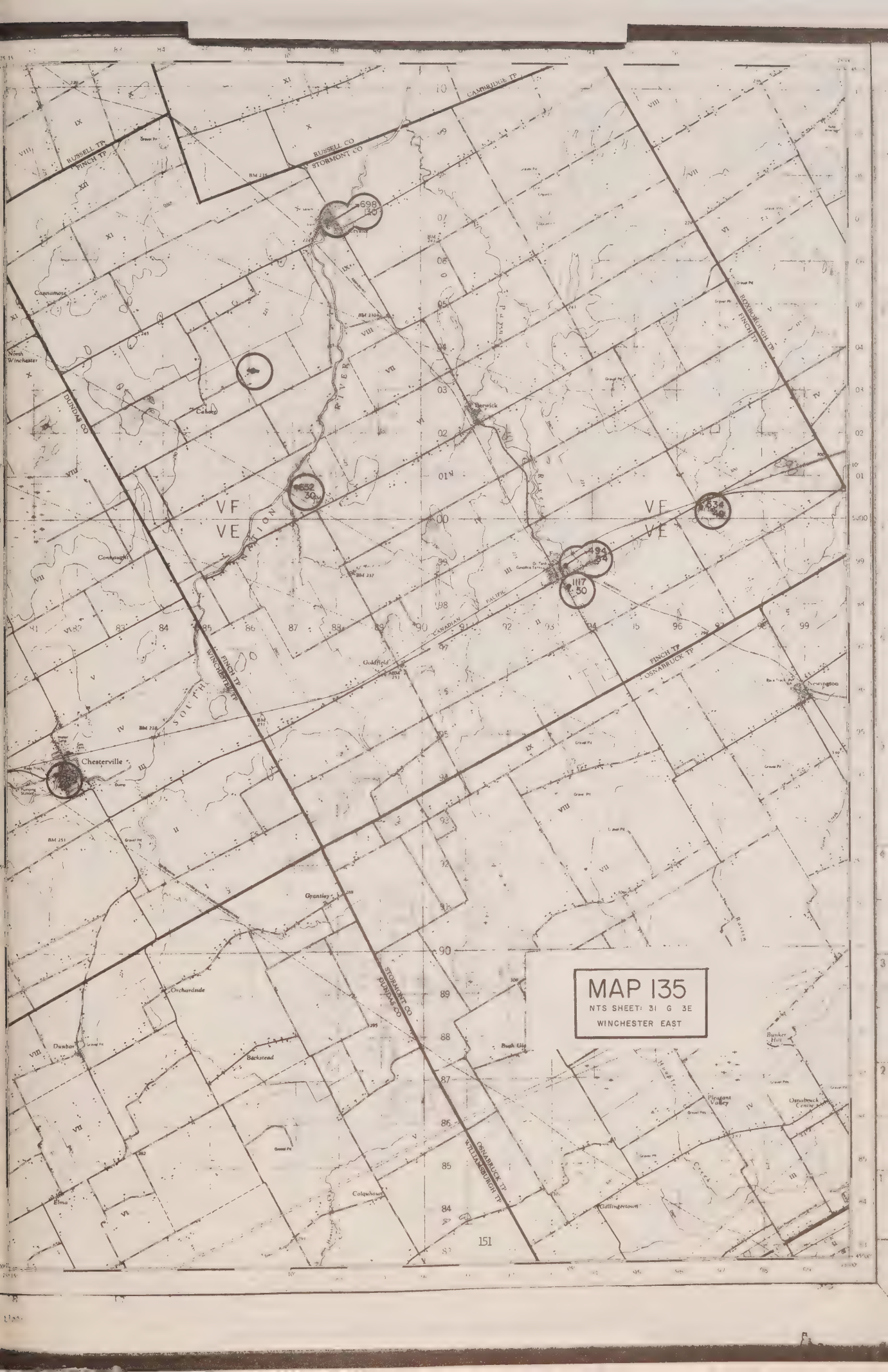
CARLETON PLACE
WESTERN SECTION







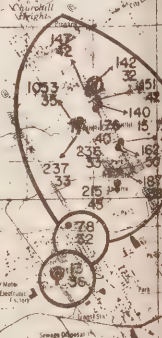




MAP 135
NTS SHEET: 31 G 3E
WINCHESTER EAST



MAP 136/137
NTS SHEET: 31 6 2
CORNWALL
WESTERN SECTION





MAP 136/137

NTS SHEET: 31 G 2

CORNWALL

EASTERN SECTION



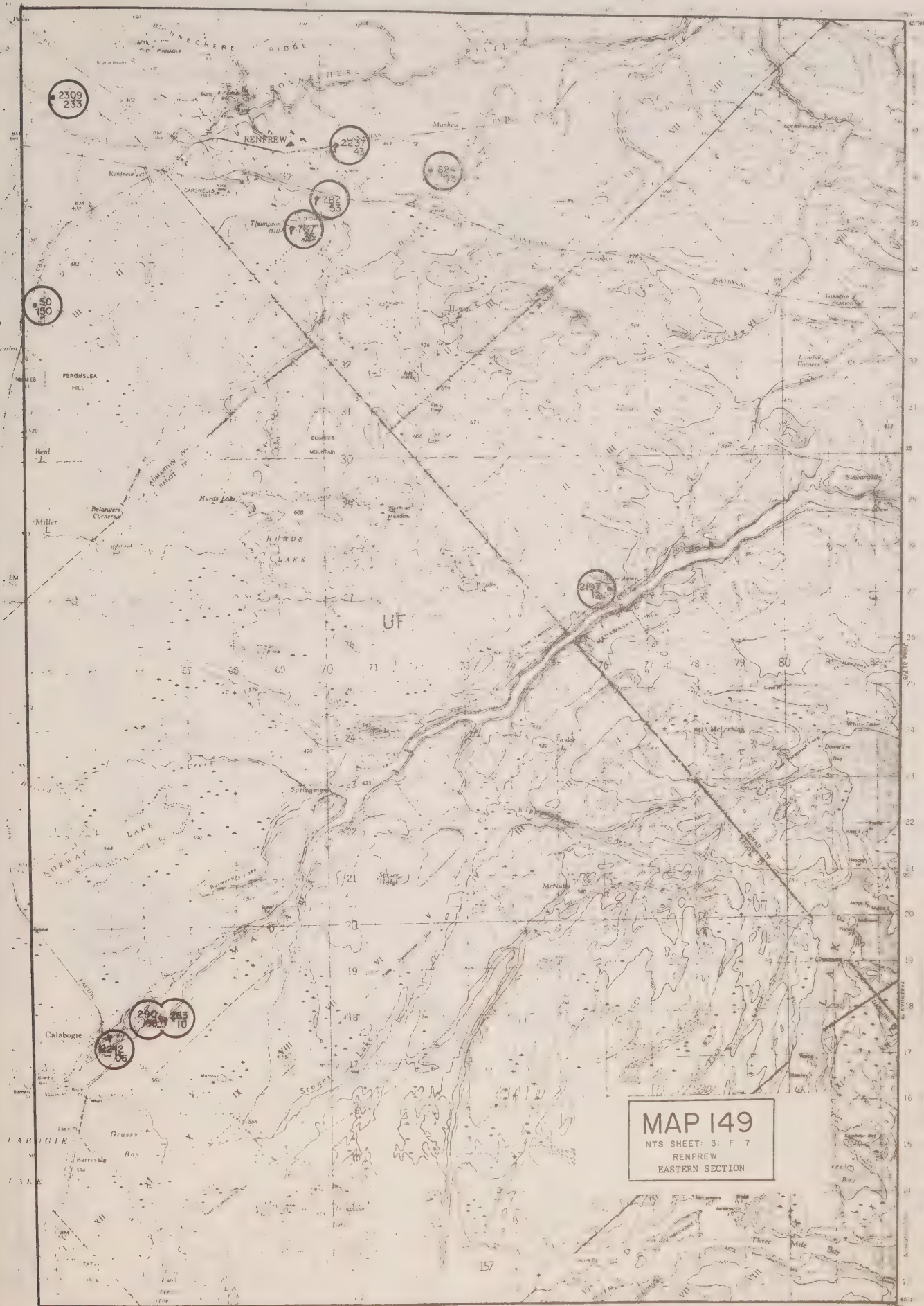


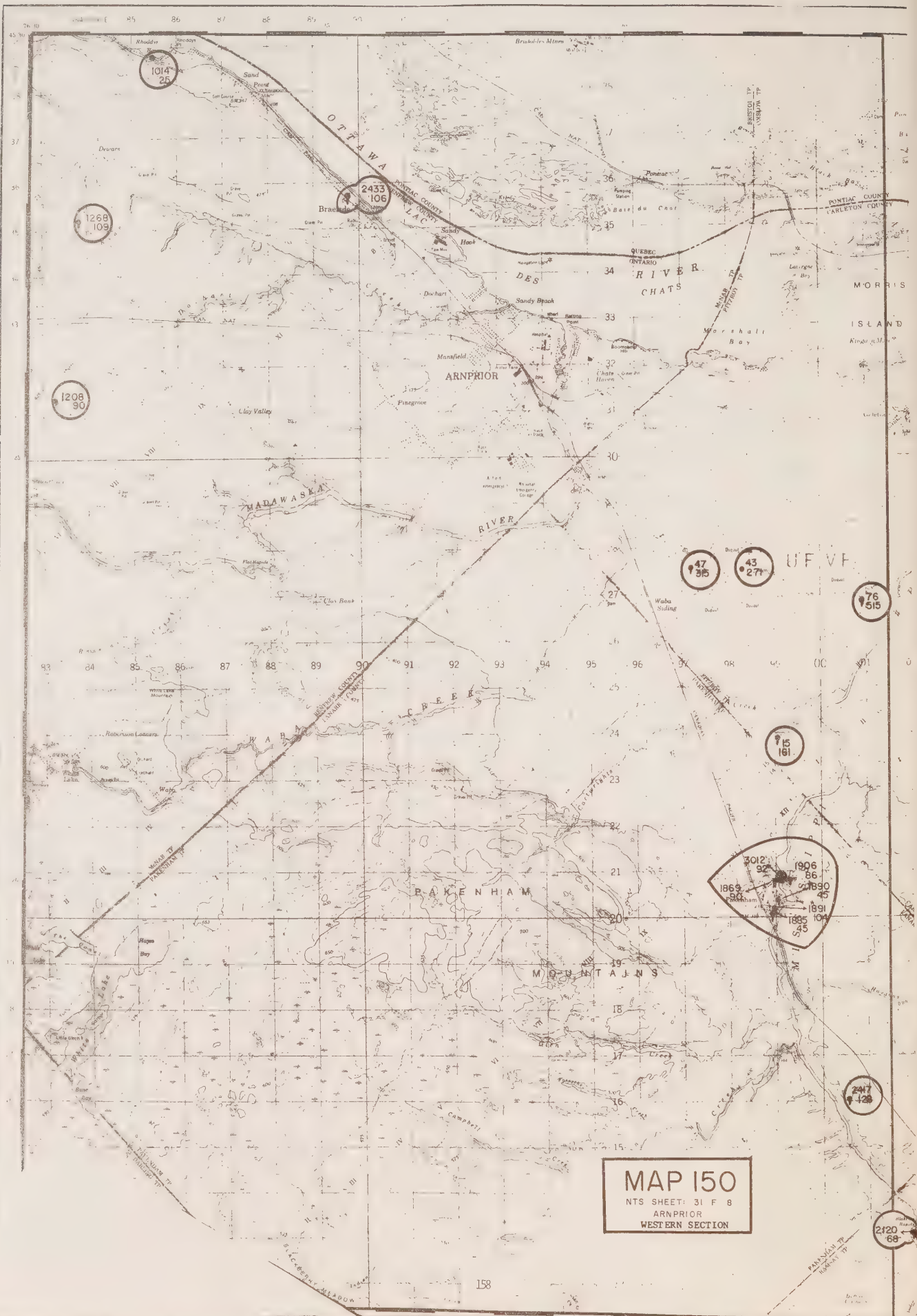
• 62
136

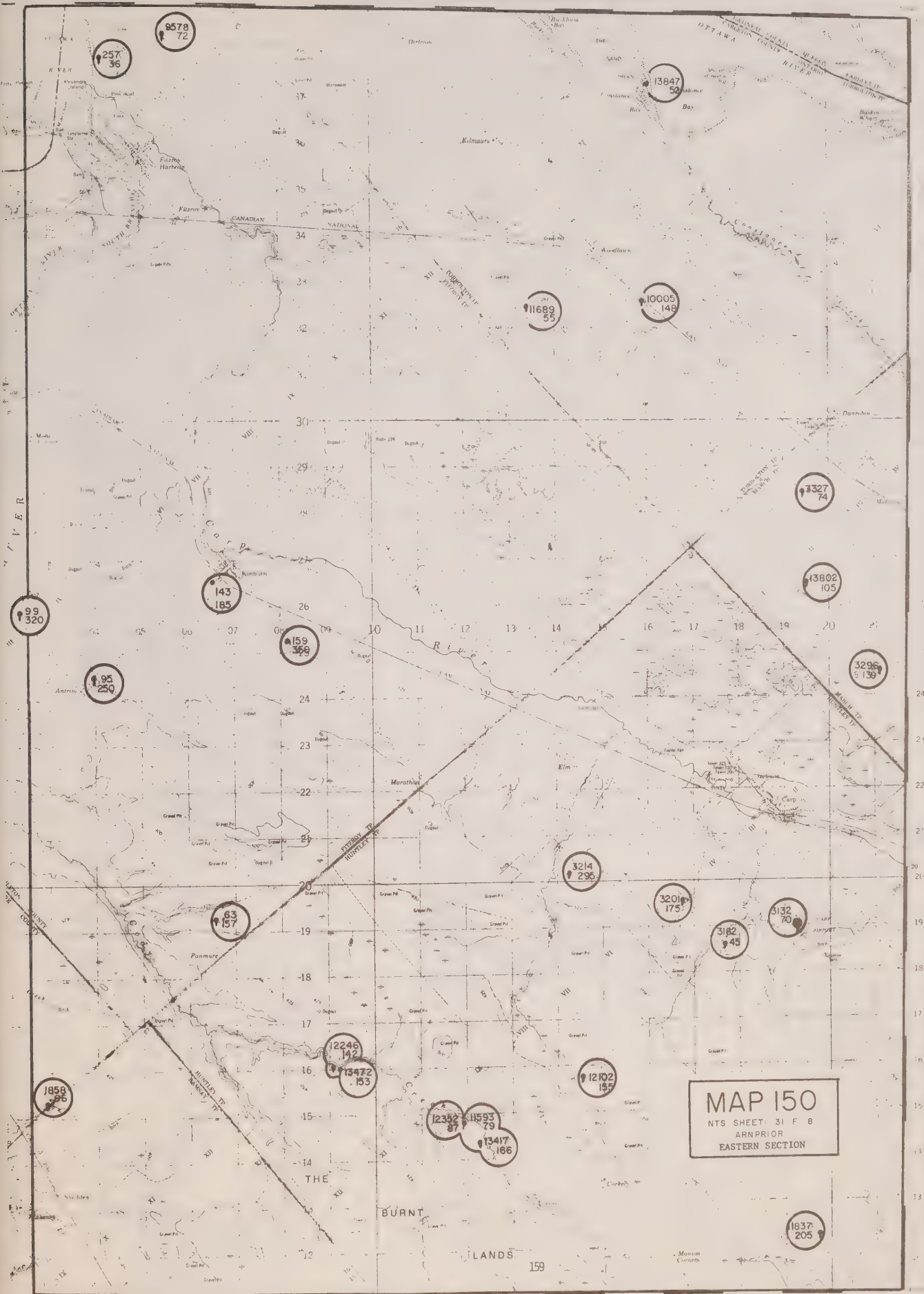
• 3328
155

• 370
139

MAP 149
NTS SHEET: 31 F 7
RENFREW
WESTERN SECTION







MAP 150
NTS SHEET: 31 F 8
ARNPRIOR
EASTERN SECTION



MAP 151
NTS SHEET: 31 G 5
OTTAWA
WESTERN SECTION

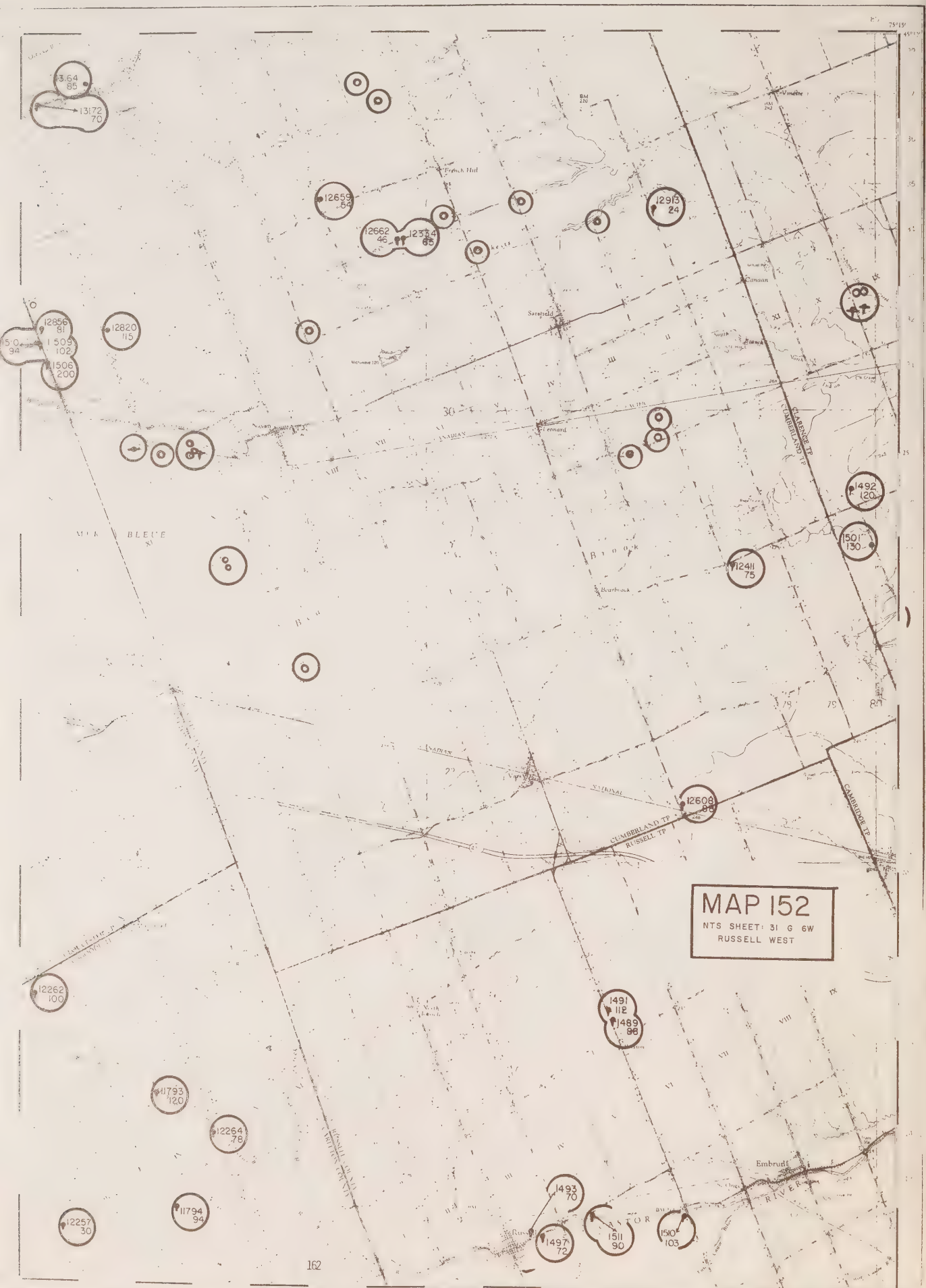
123000 E

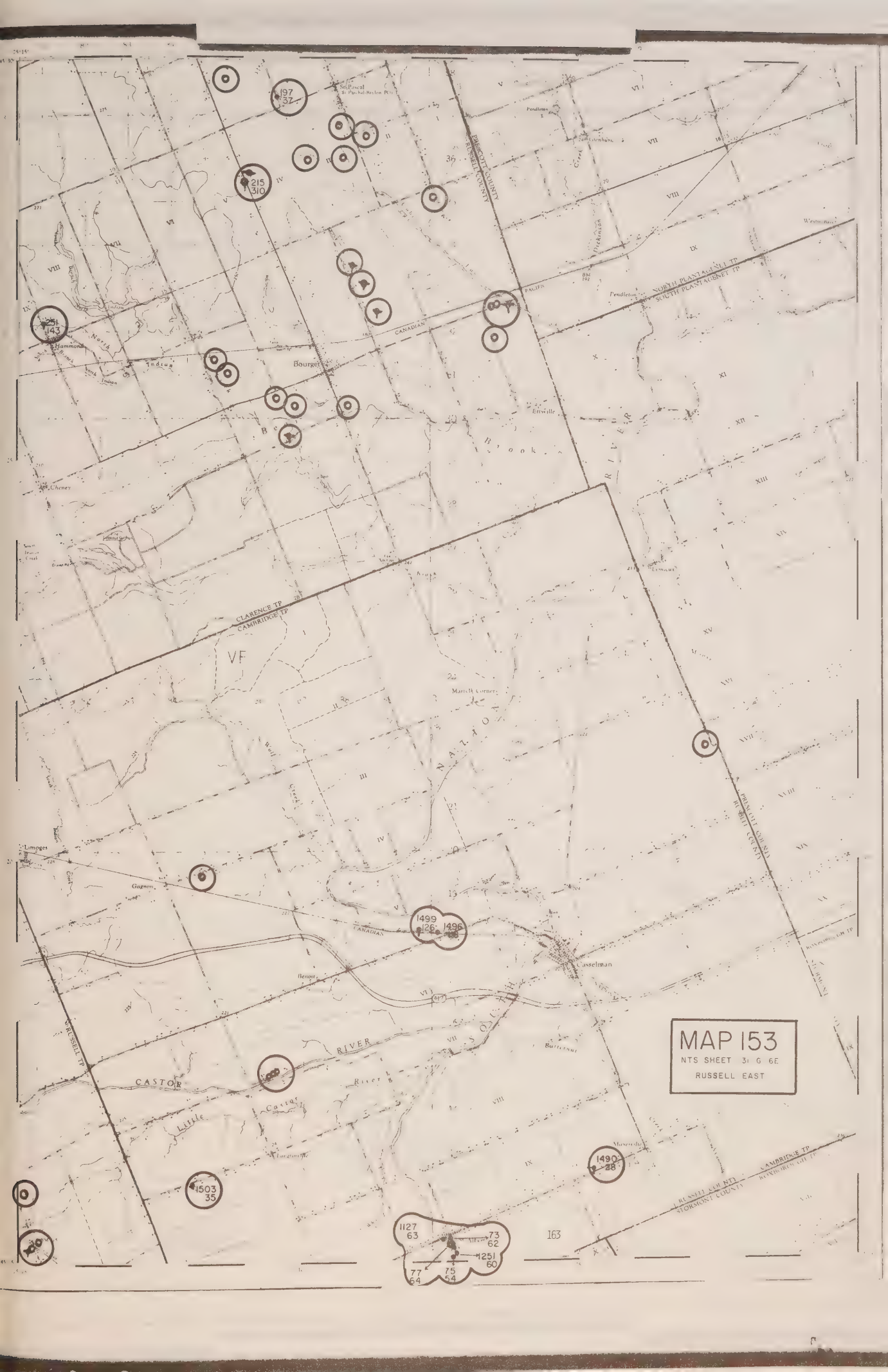
4935000 N



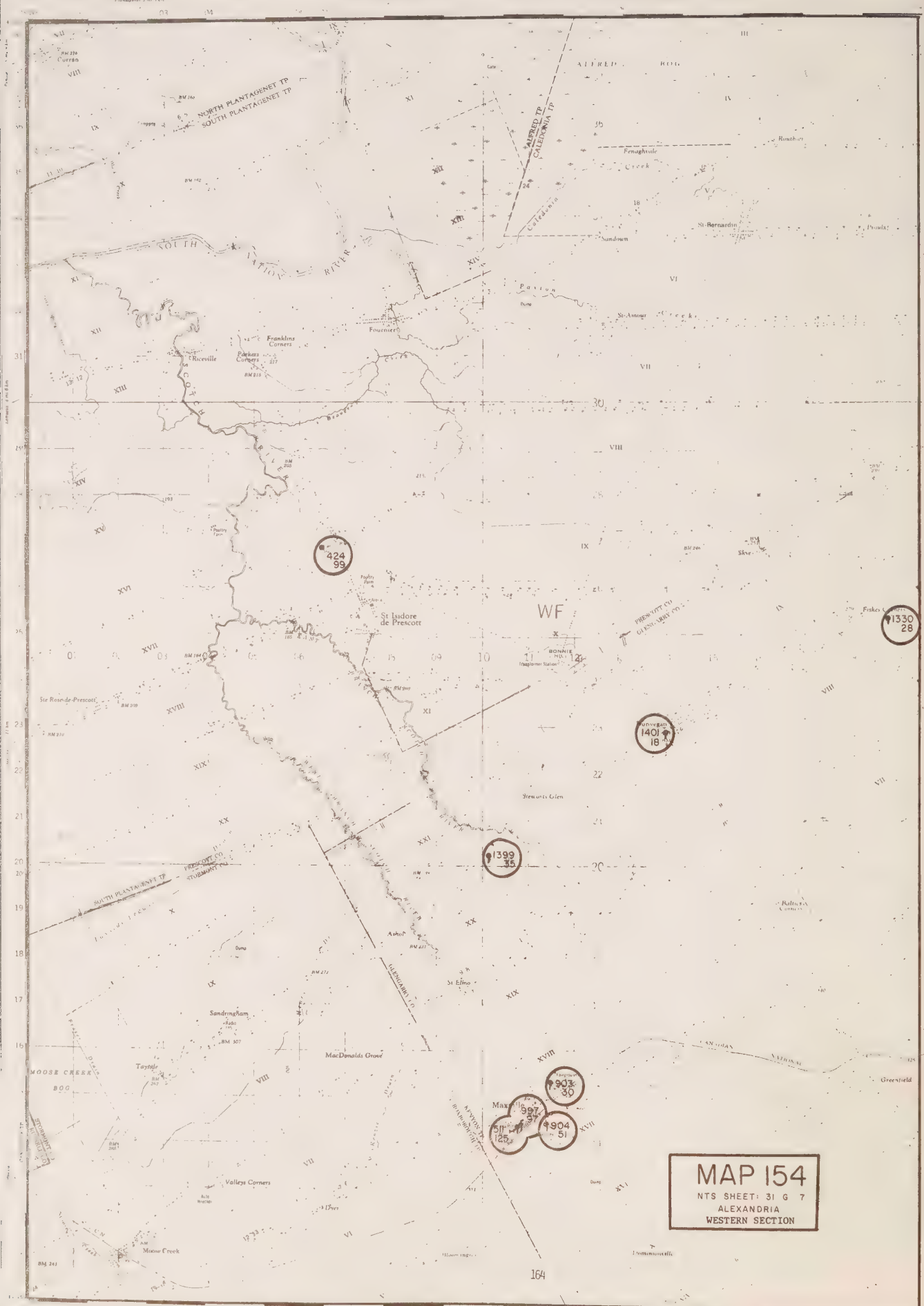
MAP 151

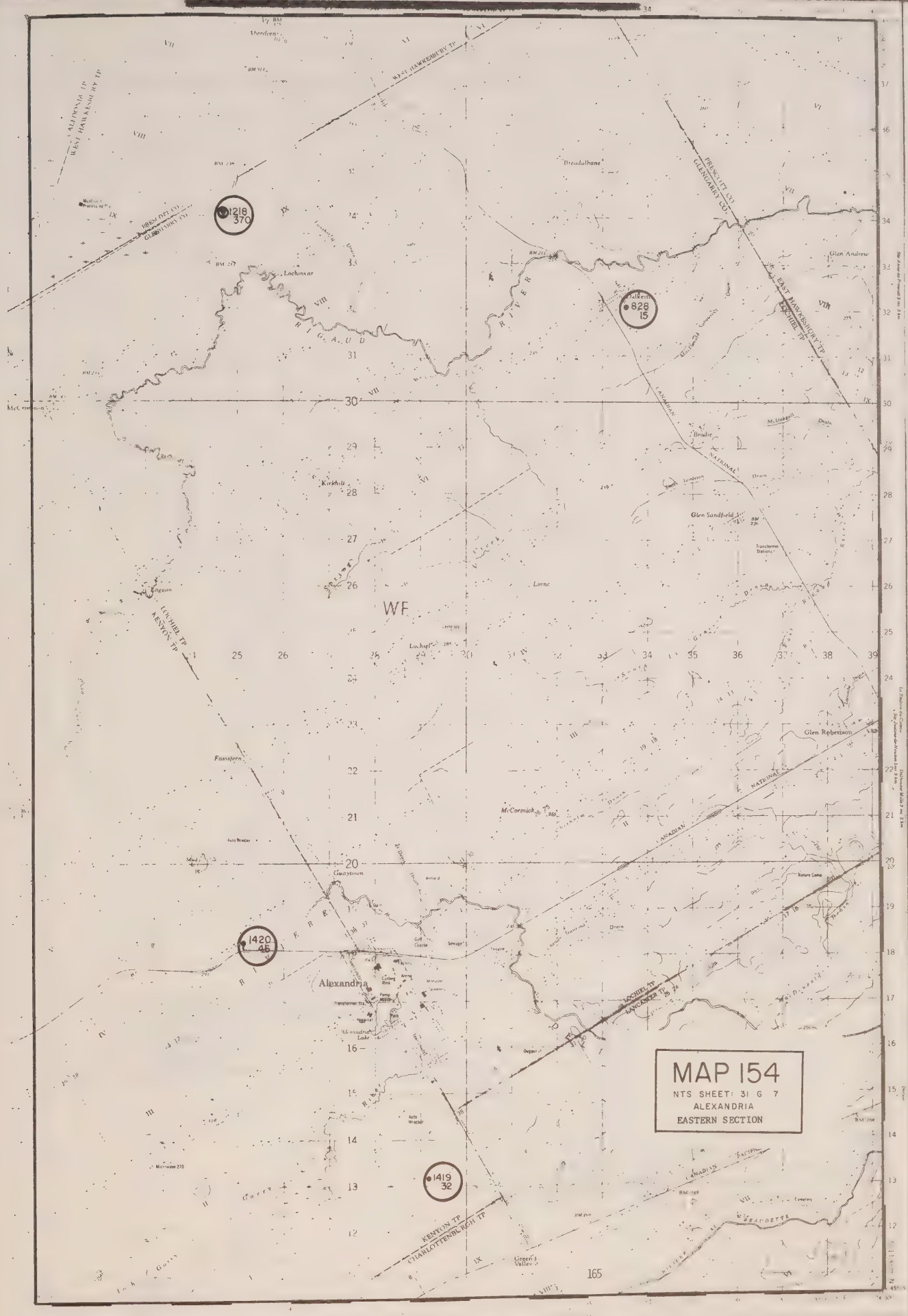
NTS SHEET: 31 G 5
OTTAWA
EASTERN SECTION





MAP 153
NTS SHEET 3: G 6E
RUSSELL EAST





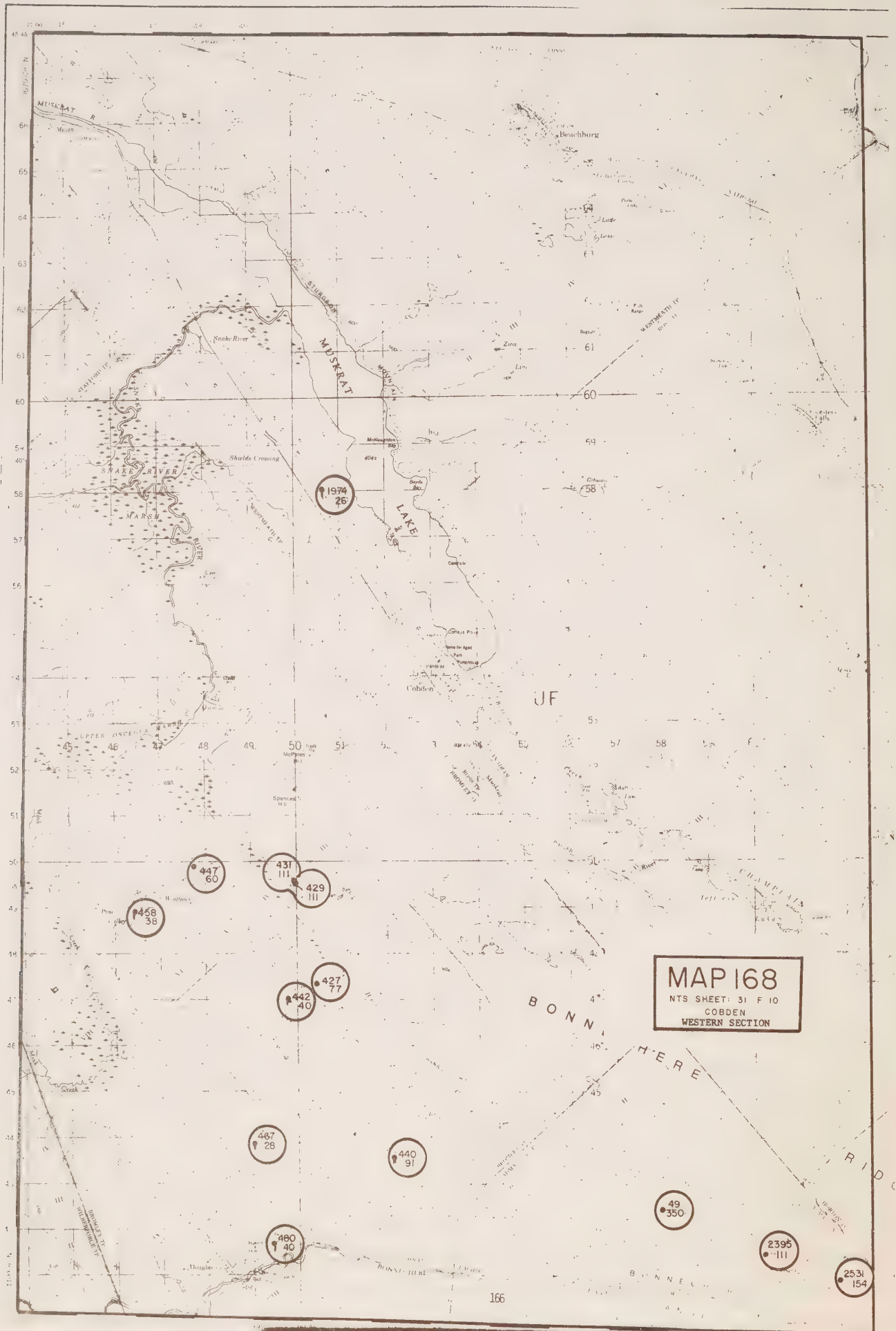
MAP 154
NTS SHEET: 31 G 7
ALEXANDRIA
EASTERN SECTION

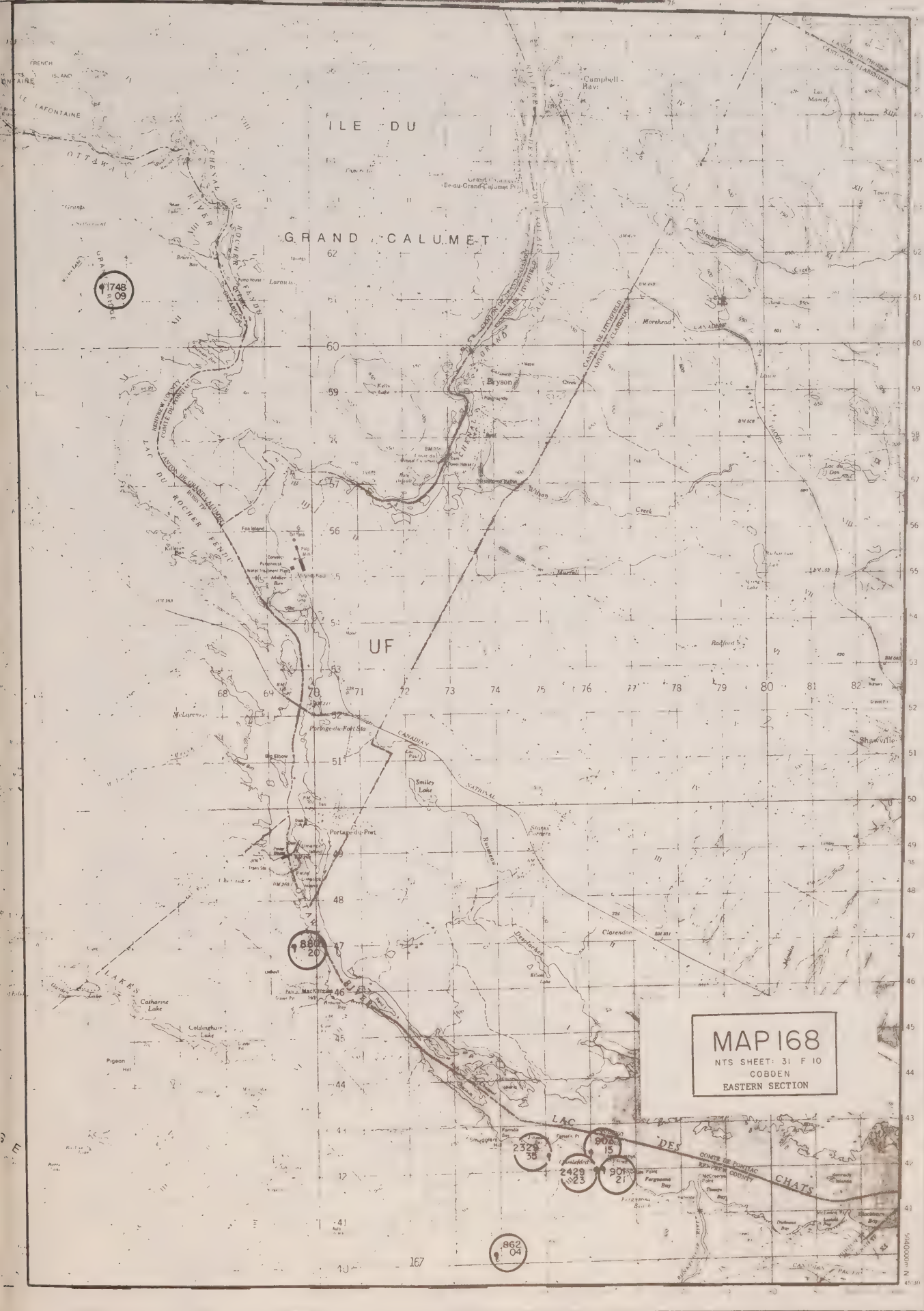
1218
370

828
15

1420
45

1419
32

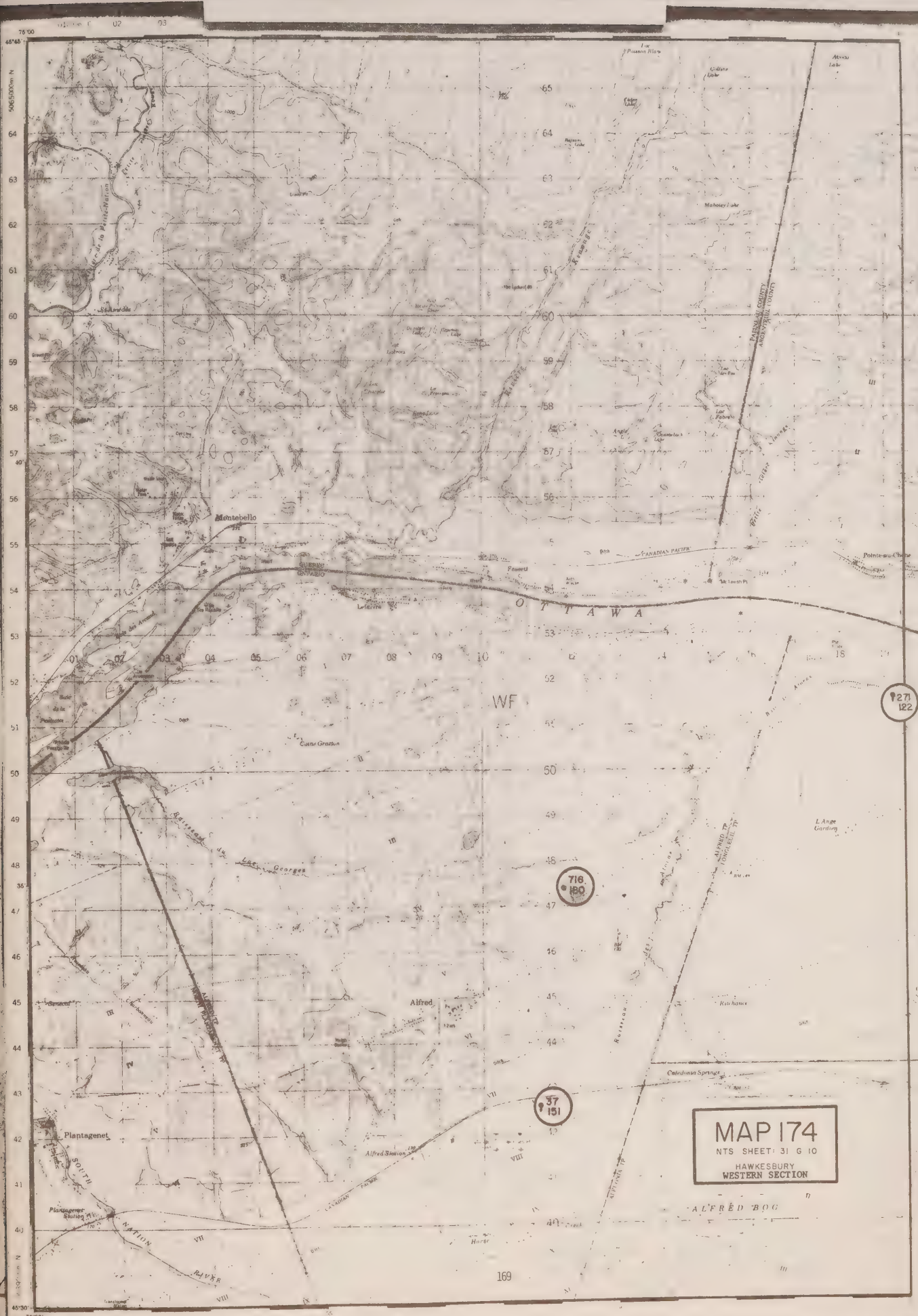




MAP 168
NTS SHEET: 31 F 10
COBLEN
EASTERN SECTION



MAP 172/173
NTS SHEET: 31 G II
THURSO



MAP 174
NTS SHEET: 31 G 10
HAWKESBURY
WESTERN SECTION



MAP 174
NTS SHEET: 31 G 10
HAWKESBURY
EASTERN SECTION

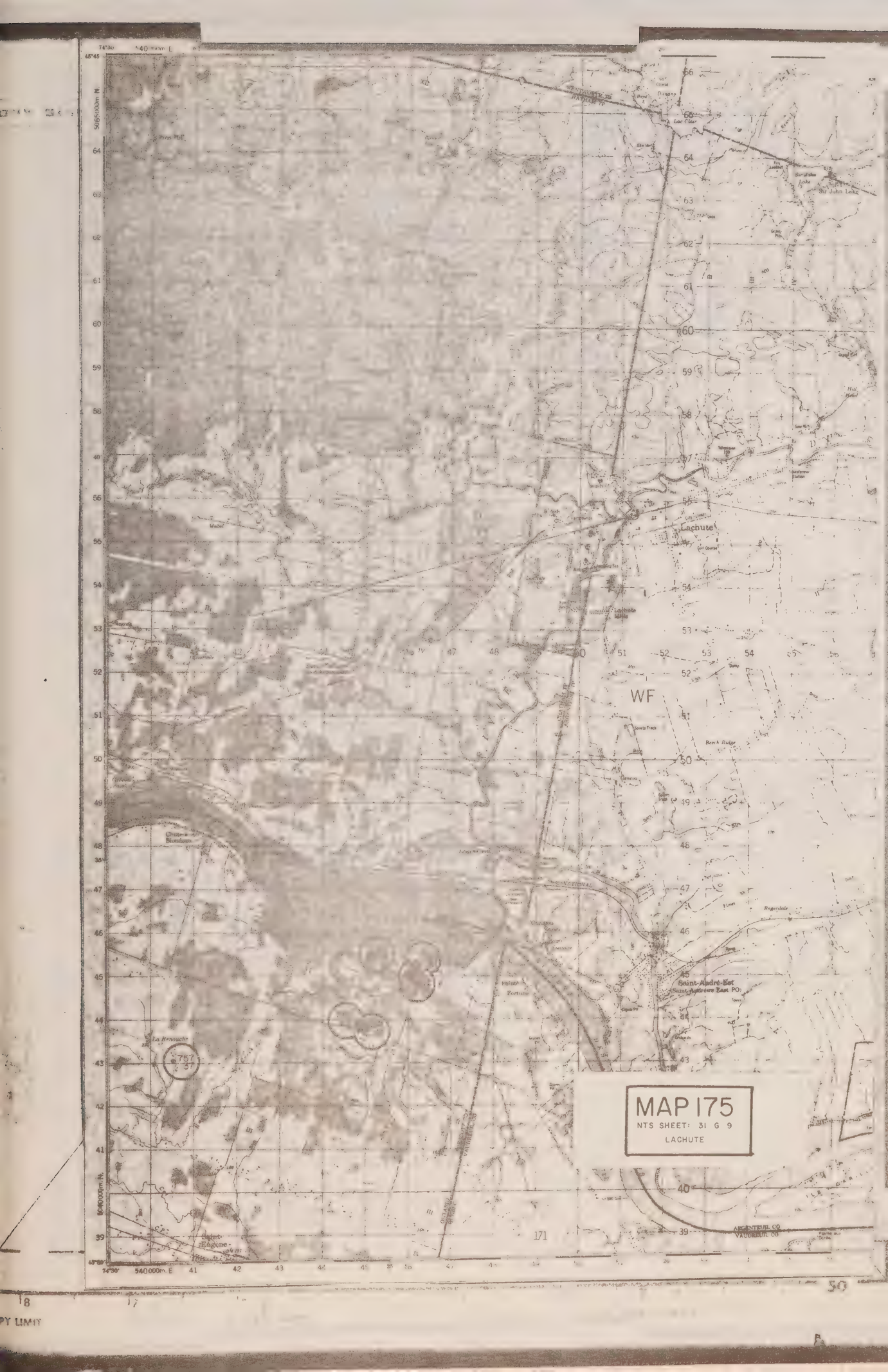
1009
31
494
39

1009
31

1009
47

170

BRANDON COUNTY
BRANDON COUNTY
BRANDON COUNTY

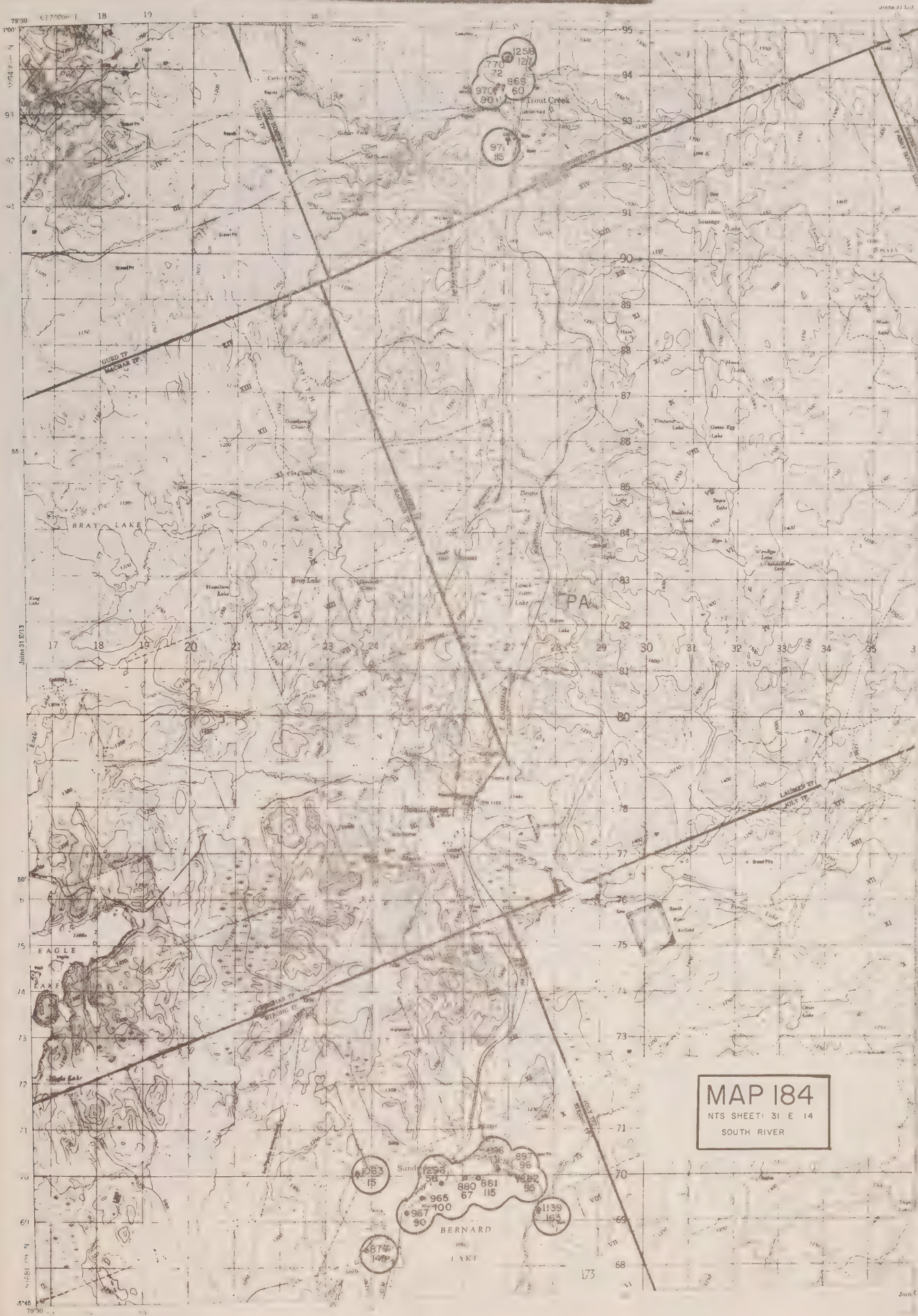


MAP 175

NTS SHEET: 31 G 9

LACHUTE

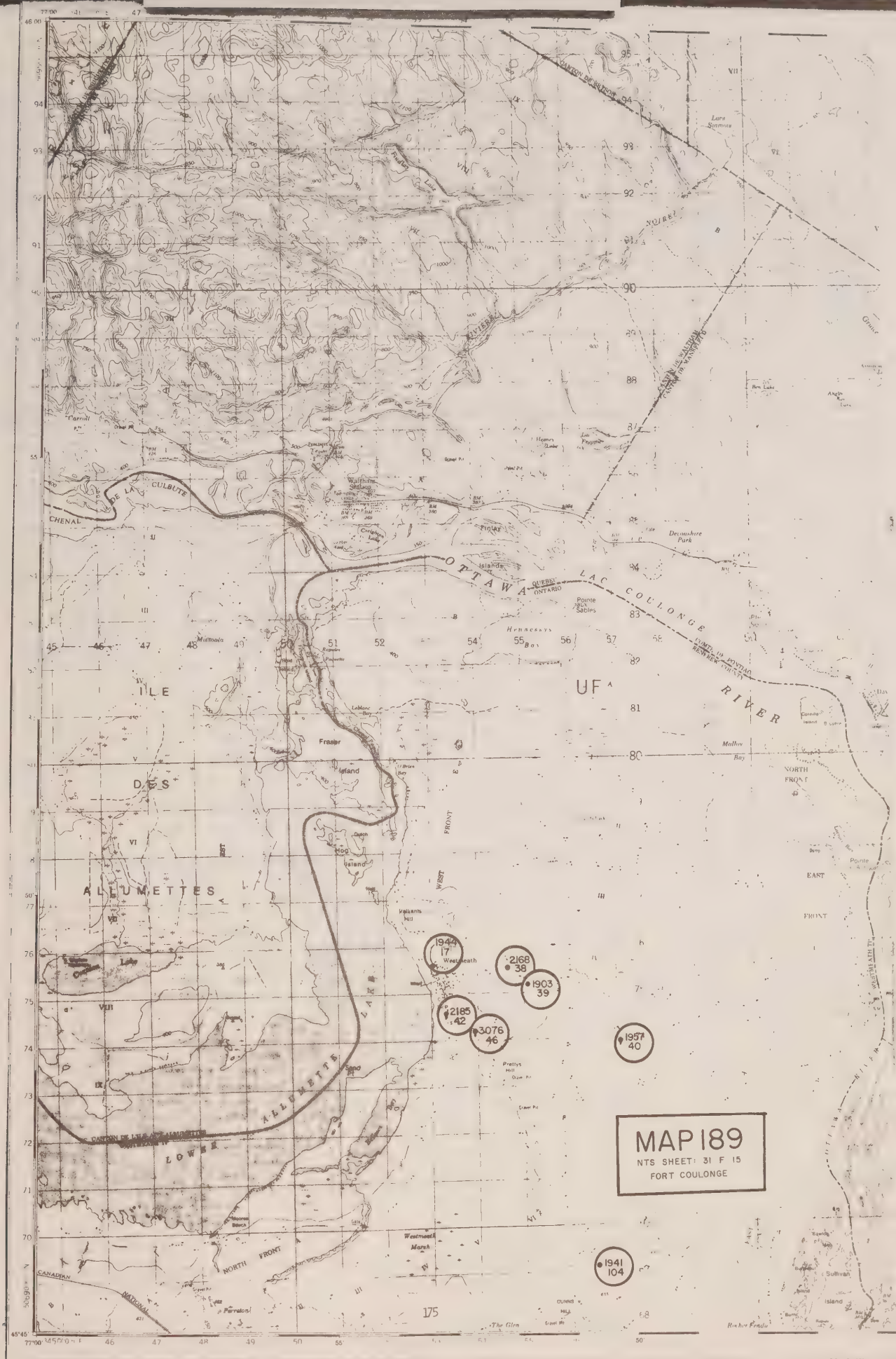


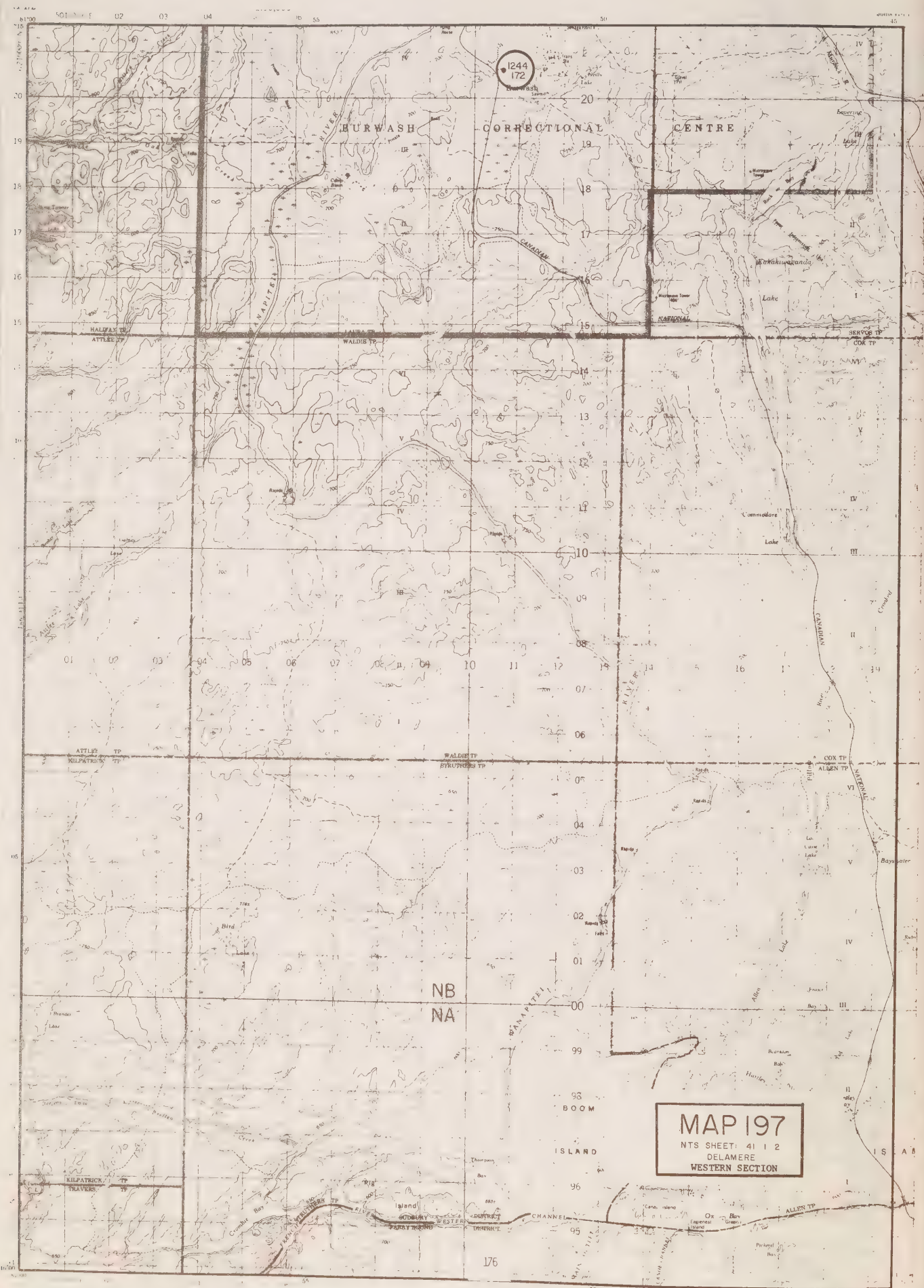


MAP 184
NTS SHEET: 31 E 14
SOUTH RIVER



MAP 188
NTS SHEET: 31 F 14
PEMBROKE





1244
172

FAIRWASH

CORRECTIONAL

CENTRE

HALFWAY TP
ATTLEE TP

WALDIE TP

SERVICE TP
COX TP

ATTLEE TP
KILPATRICK TP

WALDIE TP
BYRON TP

COX TP
ALLEN TP

NB
NA

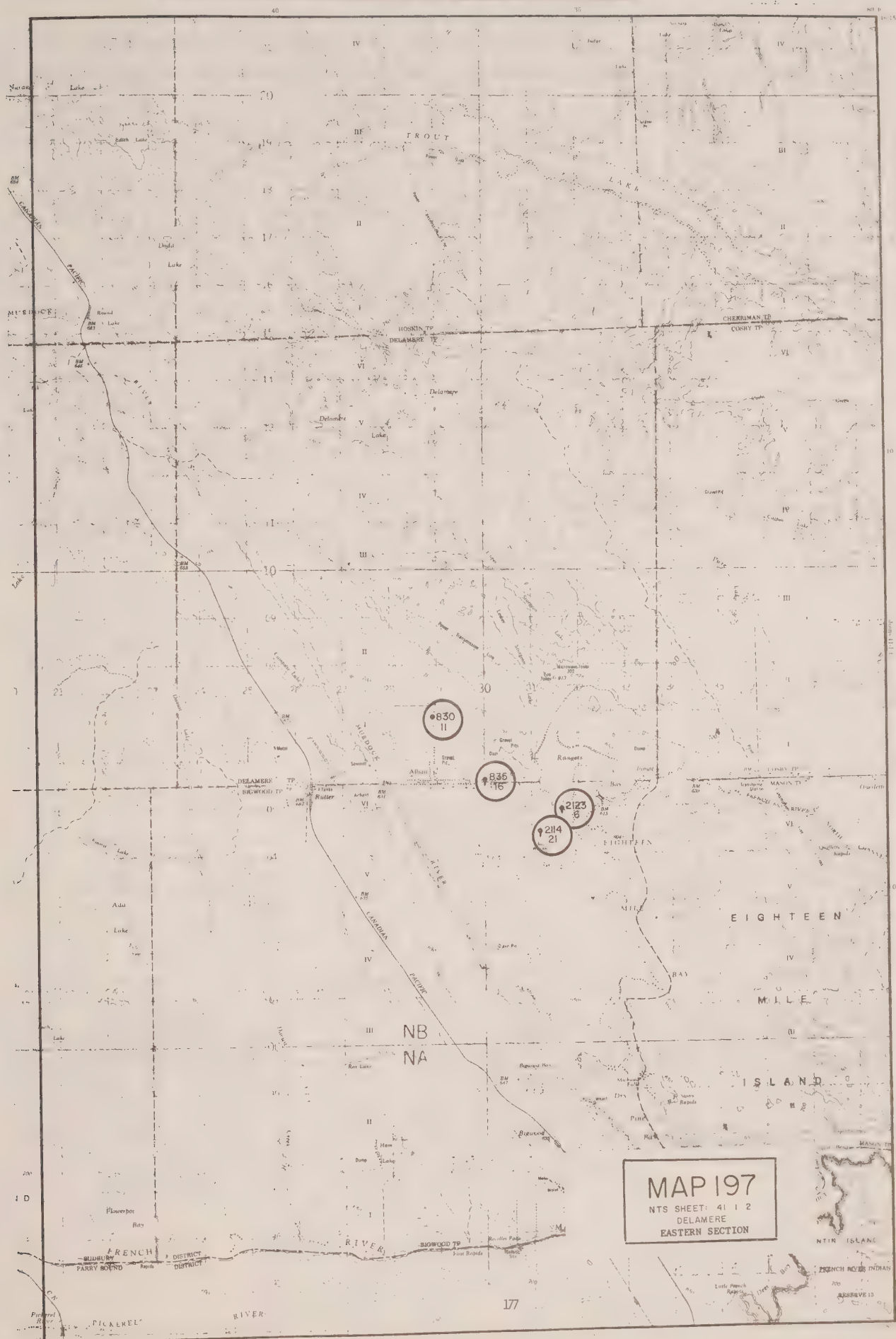
KILPATRICK TP
TRAVES TP

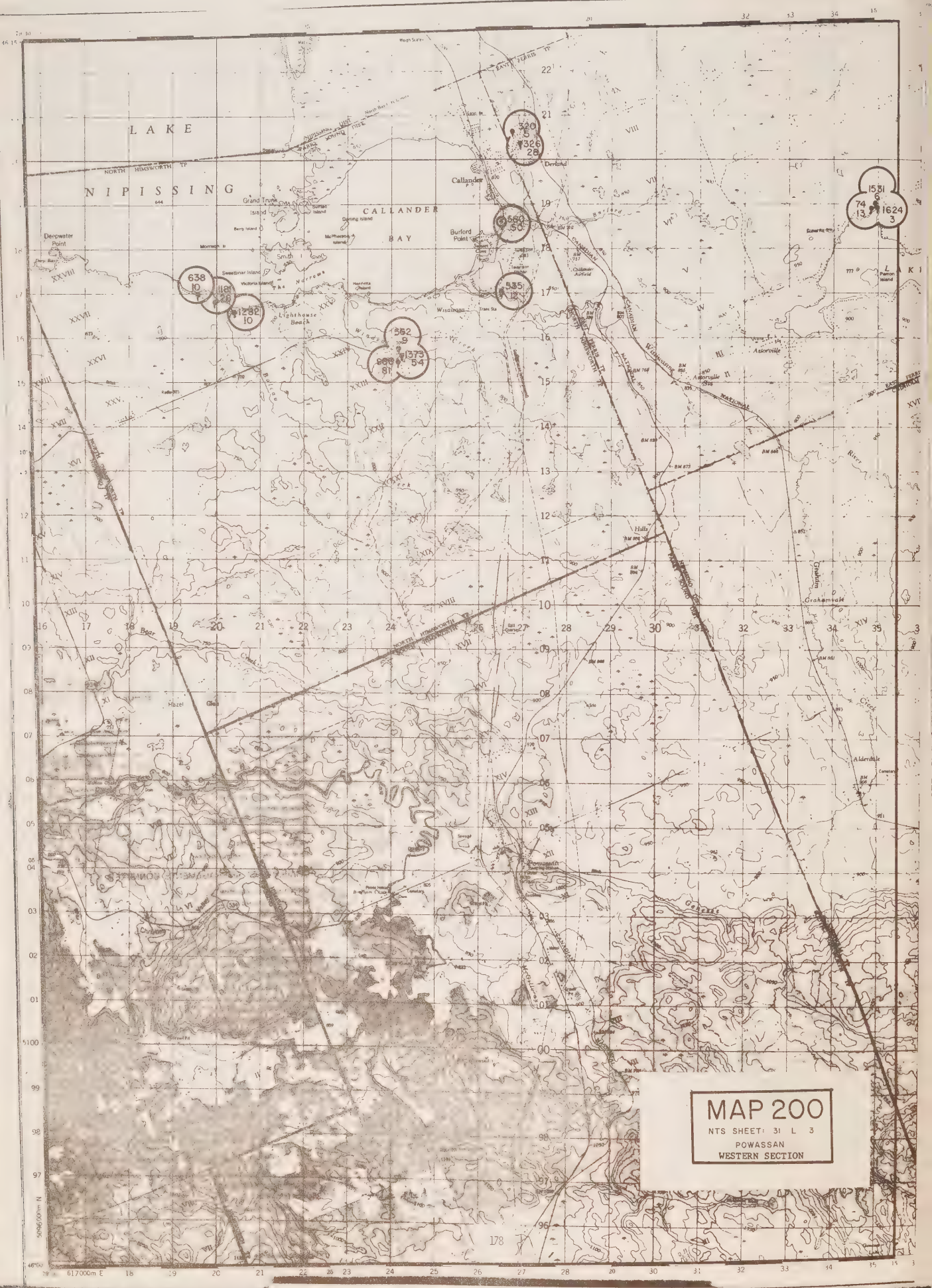
WALDIE TP
BYRON TP

COX TP
ALLEN TP

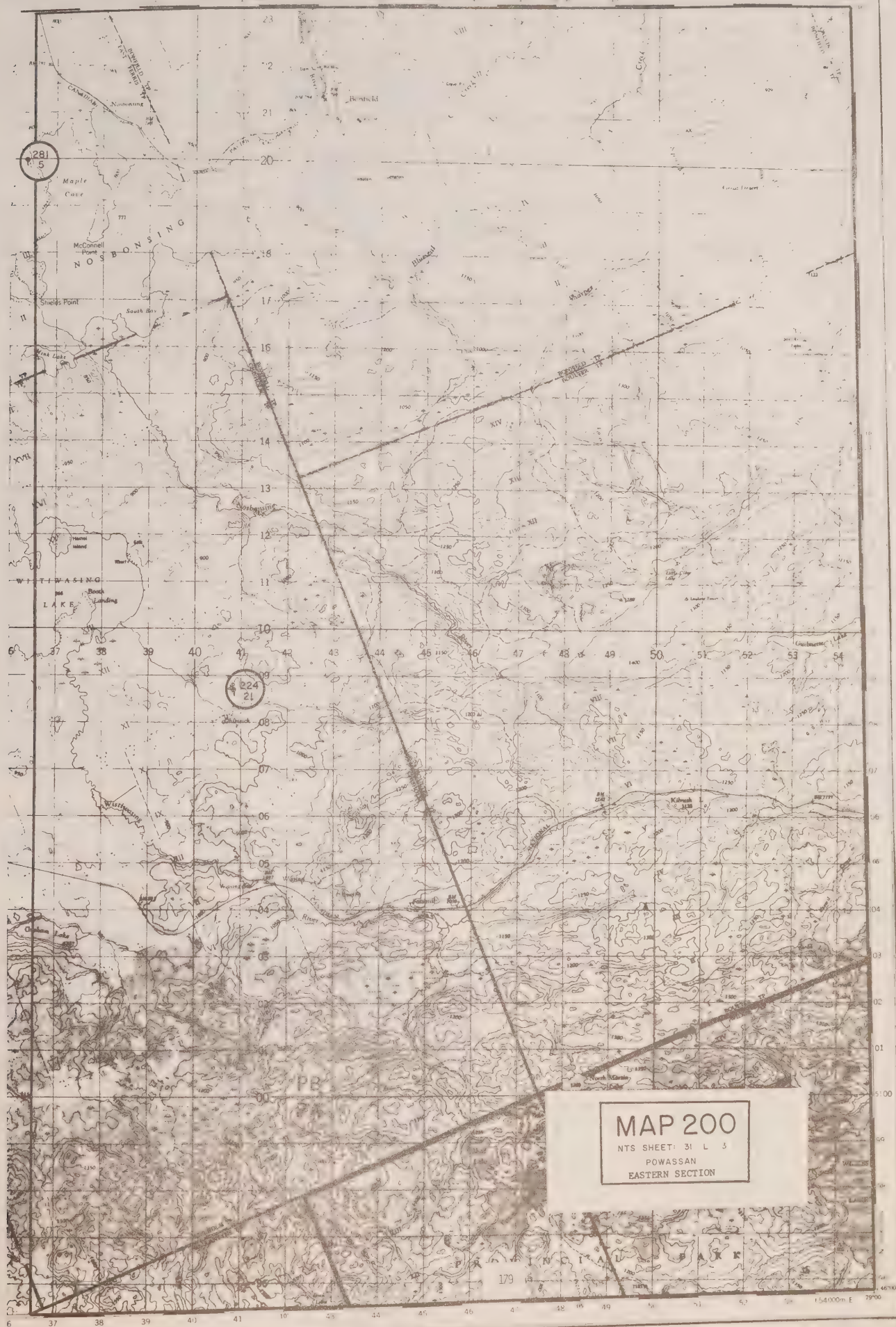
MAP 197
NTS SHEET: 4112
DELAMERE
WESTERN SECTION

176





MAP 200
NTS SHEET: 31 L 3
POWASSAN
WESTERN SECTION





MAP 205
NTS SHEET: 4 K BE
LAKE GEORGE





MAP 206
NTS SHEET: 41 J 5
BRUCE MINES
EASTERN SECTION

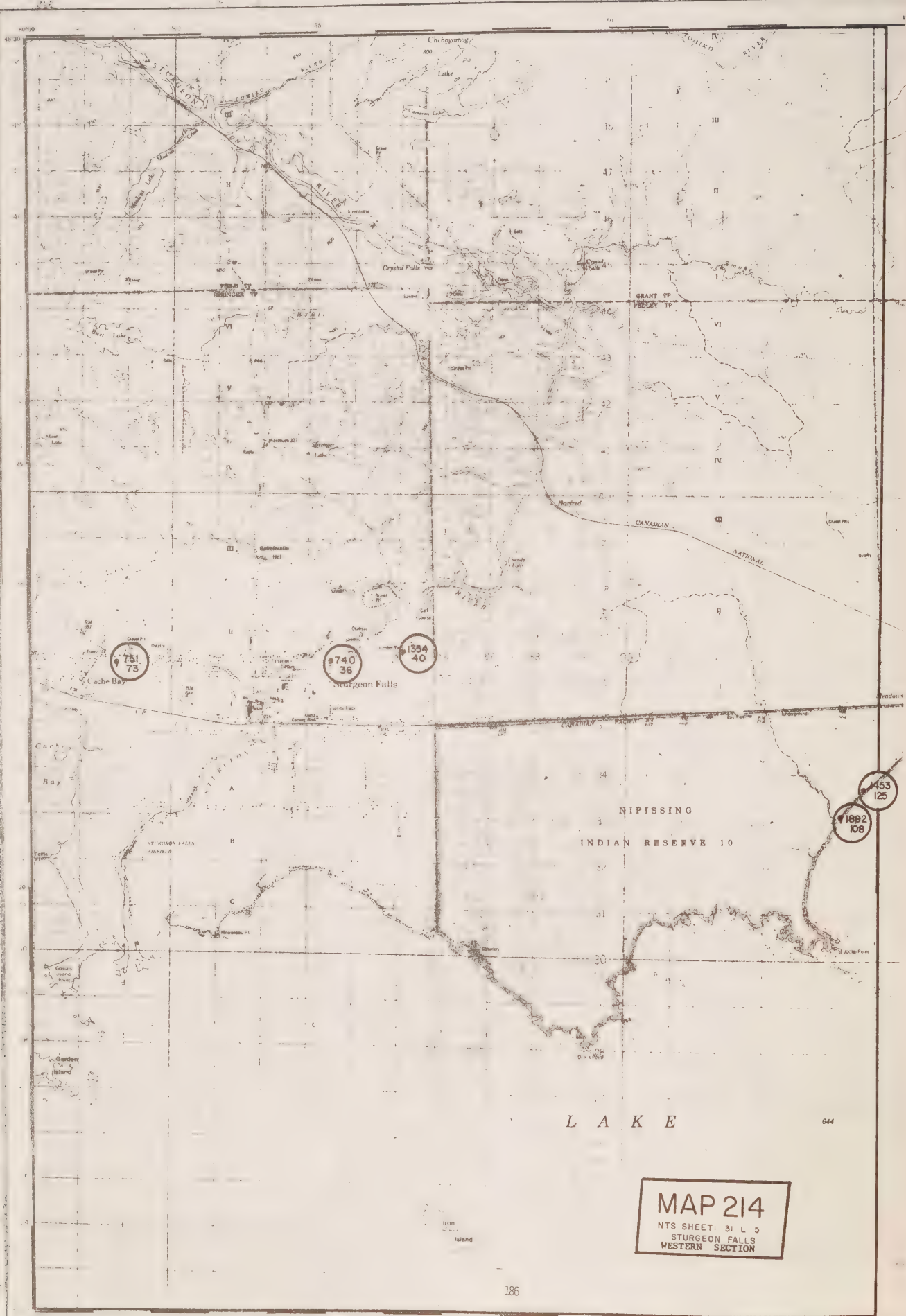
NORTH
HURON
CHANNEL





MAP 213
NTS SHEET: 4118
VERNER
WESTERN SECTION





MAP 214
NTS SHEET: 31 L 5
STURGEON FALLS
WESTERN SECTION

CHARLTON TP
HEATHRIDGE TP

SIXTH TP
COMALASHA TP

NB PB

NIPISSING LR 10

GREAT NORTH
BAY

NIPISSING

MAP 214
NTS SHEET: 31 L 5
STURGEON FALLS
EASTERN SECTION



78 60
46 40

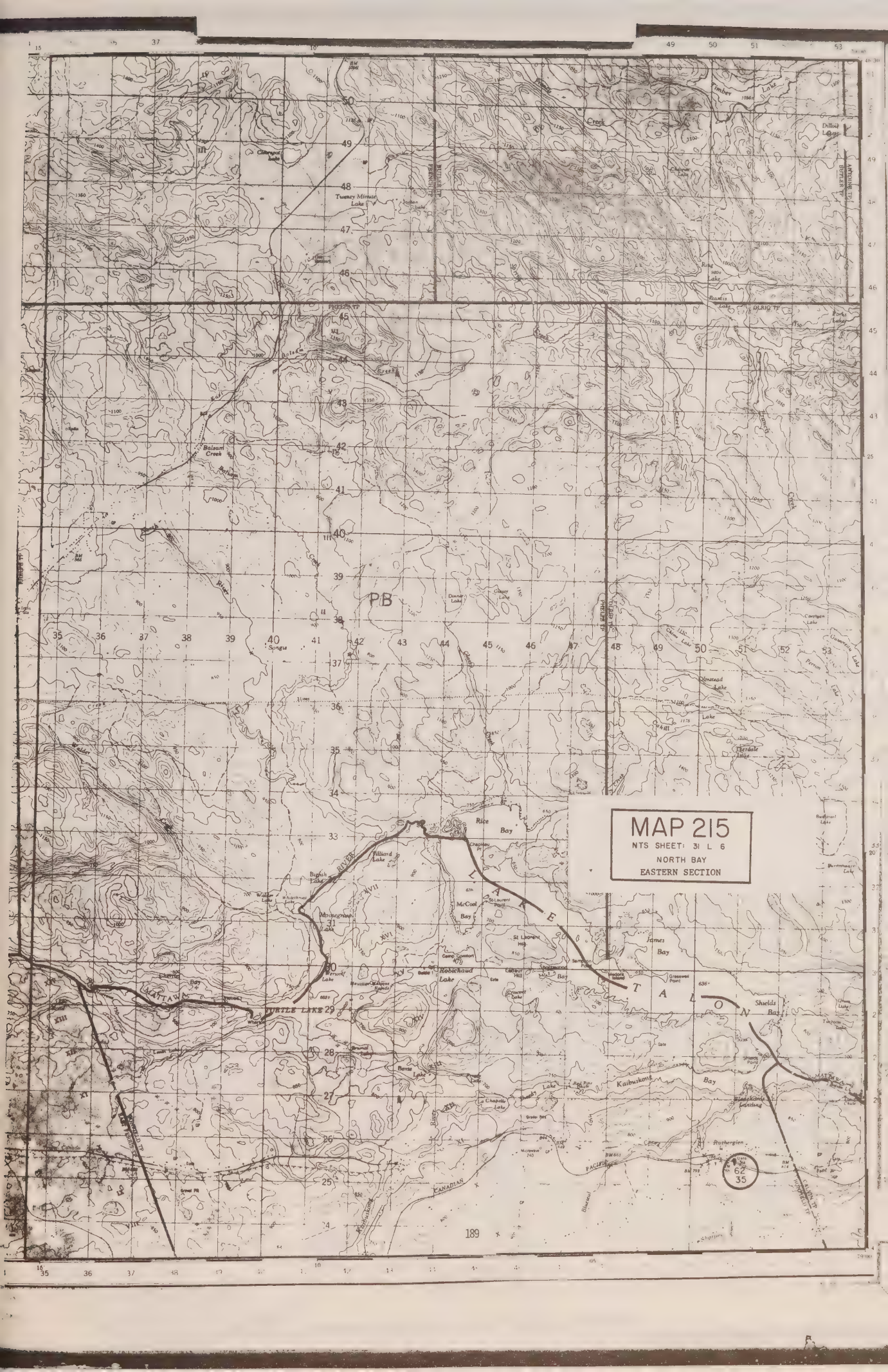


MAP 215

NTS SHEET. 31 L 6

NORTH BAY

WESTERN SECTION



MAP 215

NTS SHEET: 31 L 6

NORTH BAY

EASTERN SECTION



MAP 219

NTS SHEET: 41 K 9W

SAULT STE. MARIE W



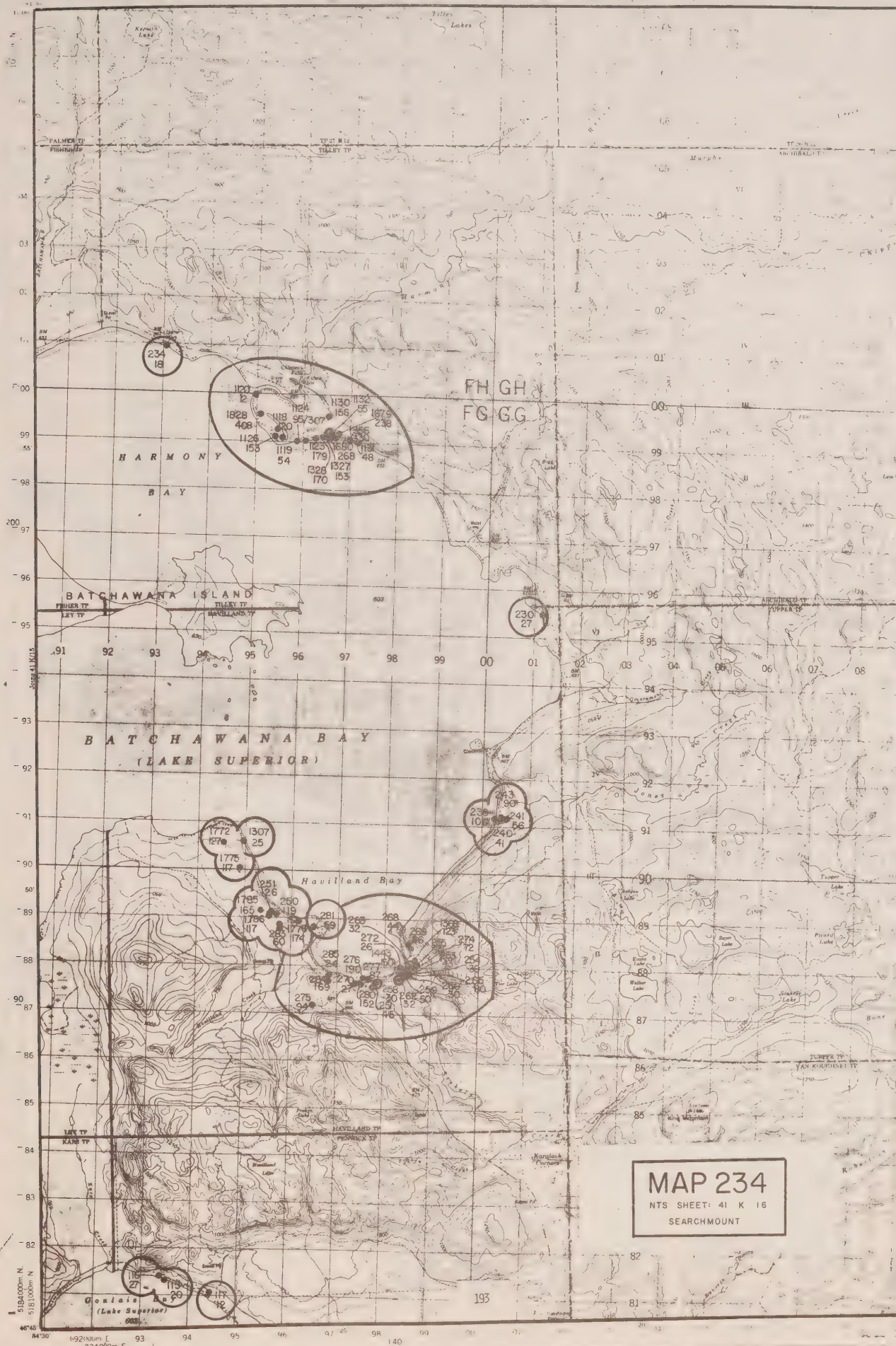
MAP 220
NTS SHEET: 41 K 9 E
SAULT STE. MARIE E

MAP 233

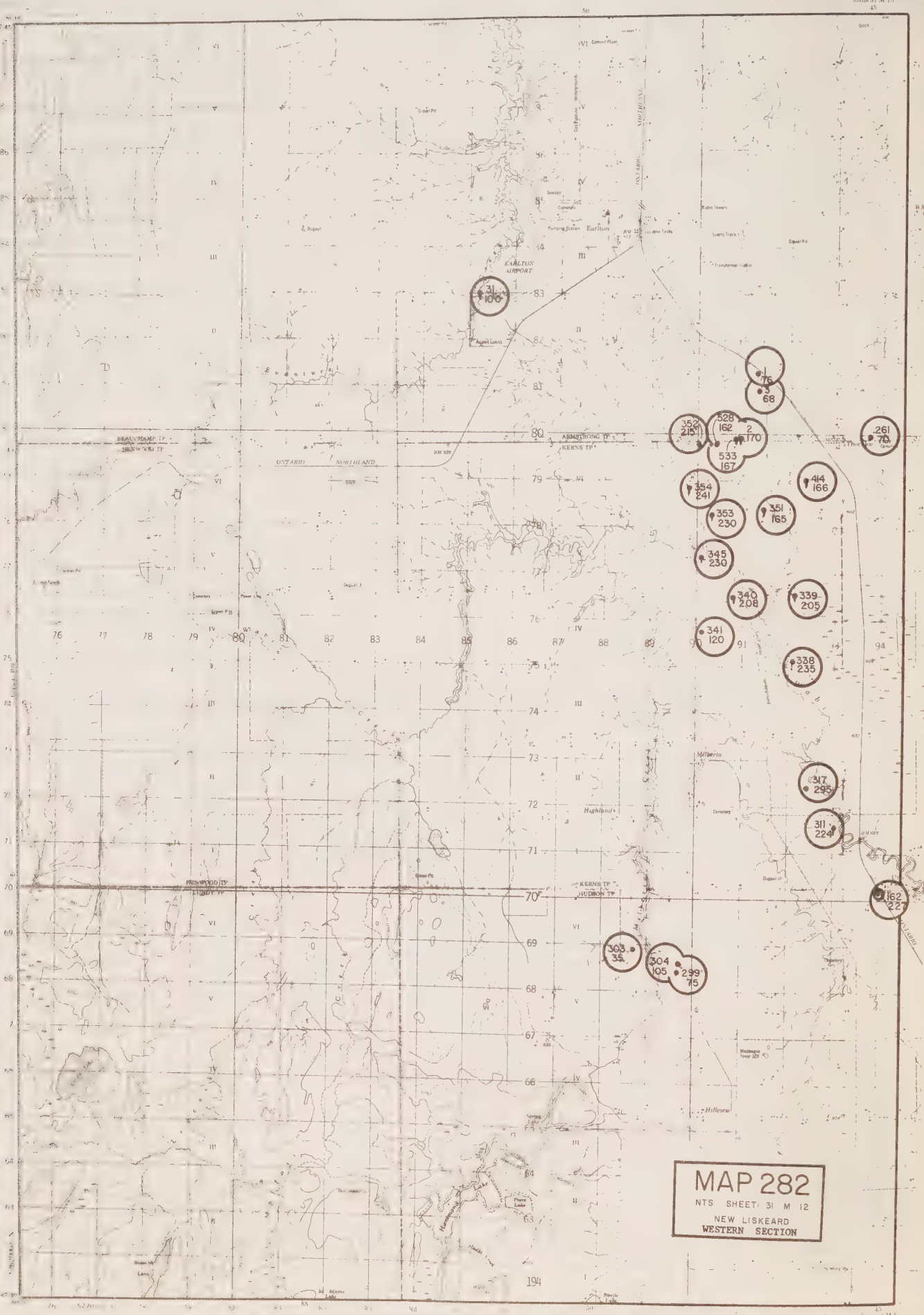


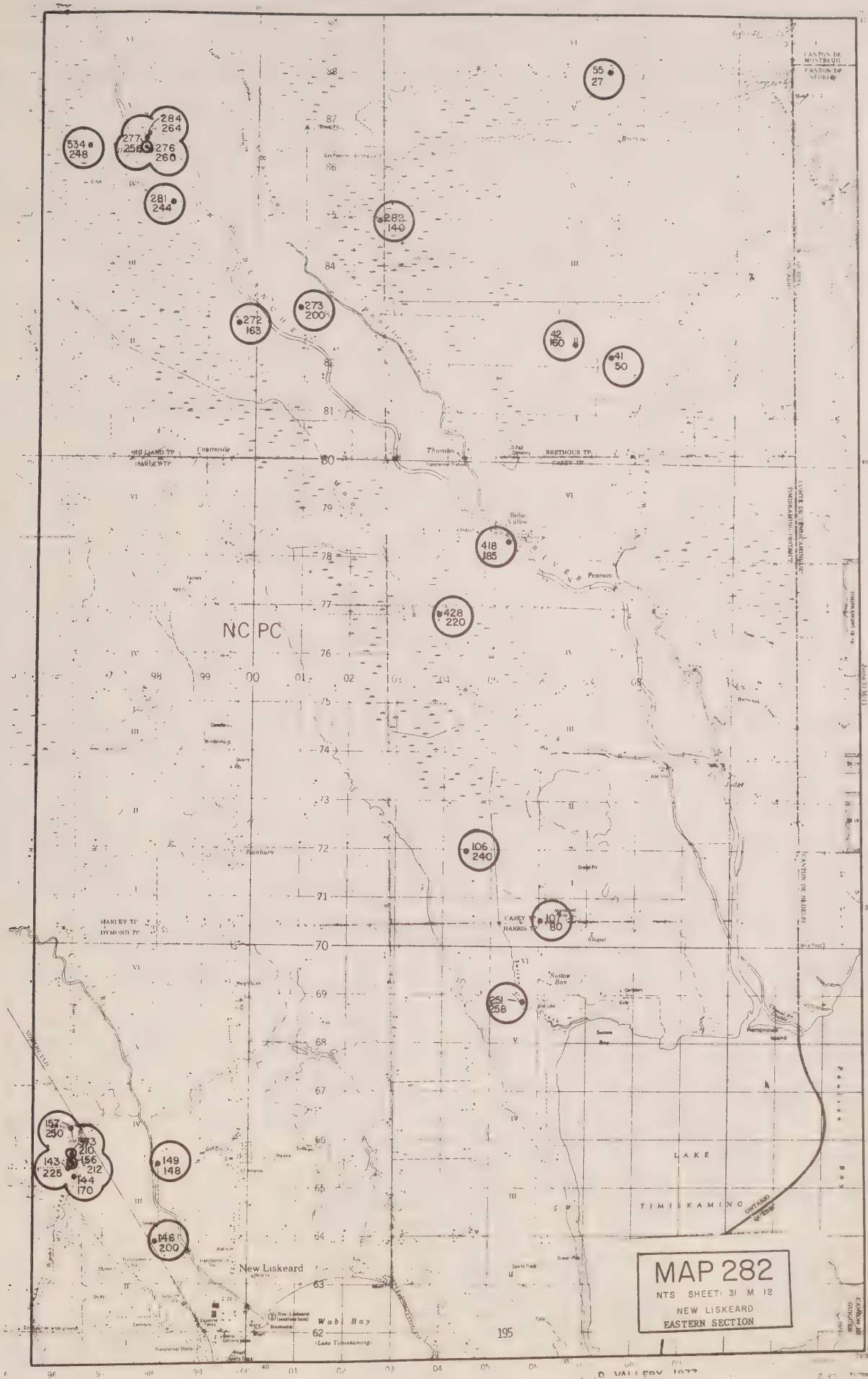
MAP 233

NTS SHEET: 41 K 15
PANCAKE BAY



SEARCHMOUNT





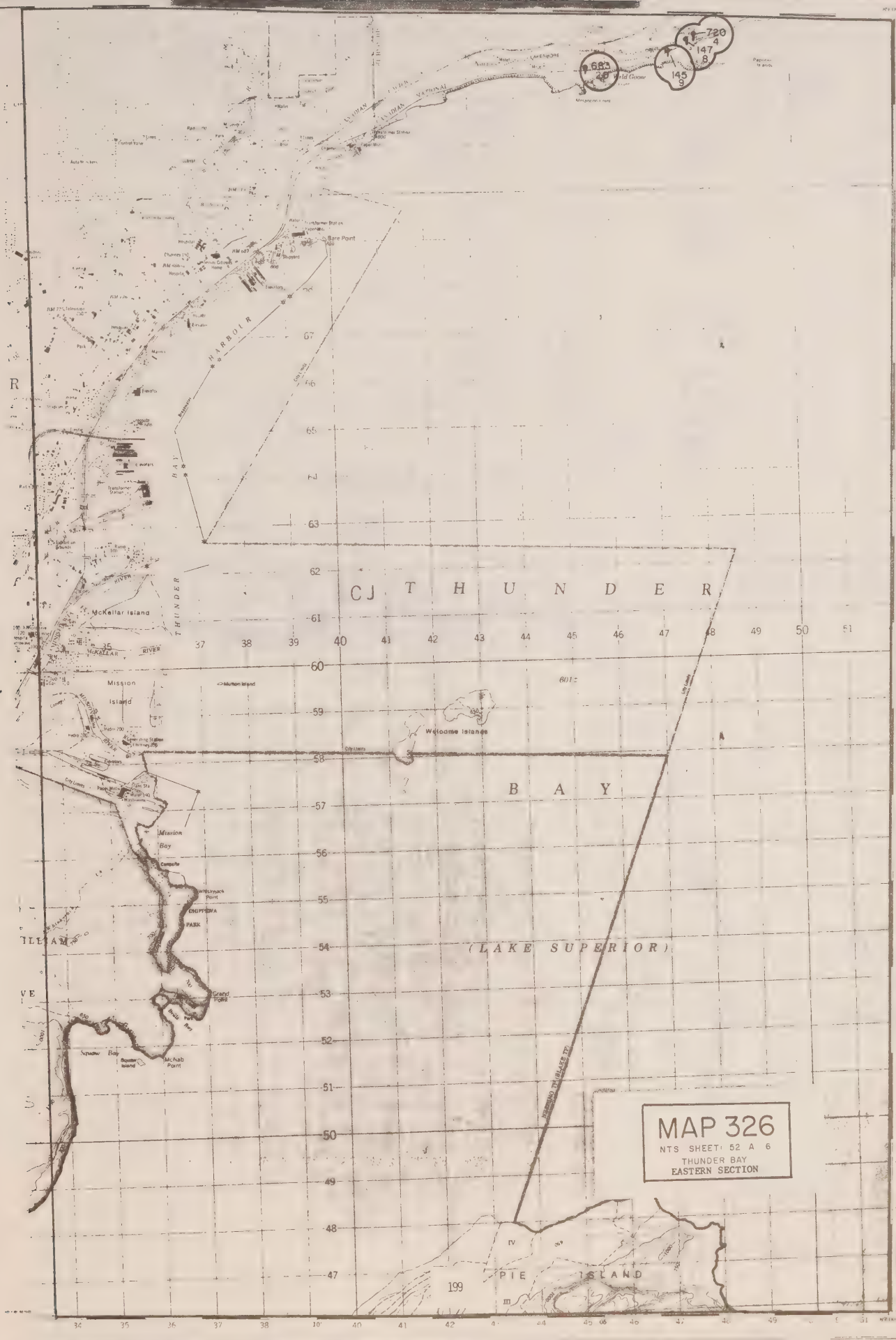


MAP 296

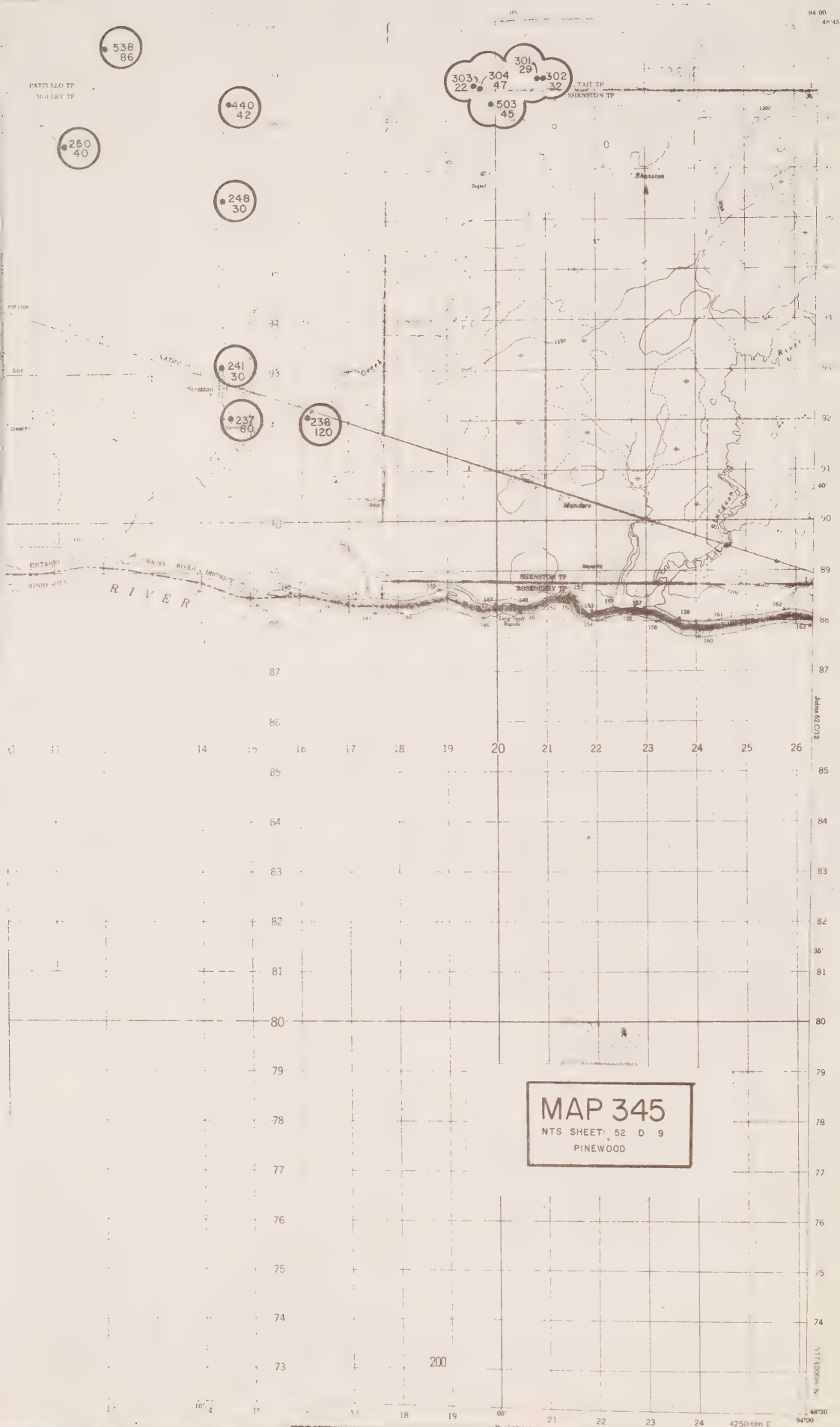
NTS SHEET 31 M 13
ENGLEHART
WESTERN SECTION

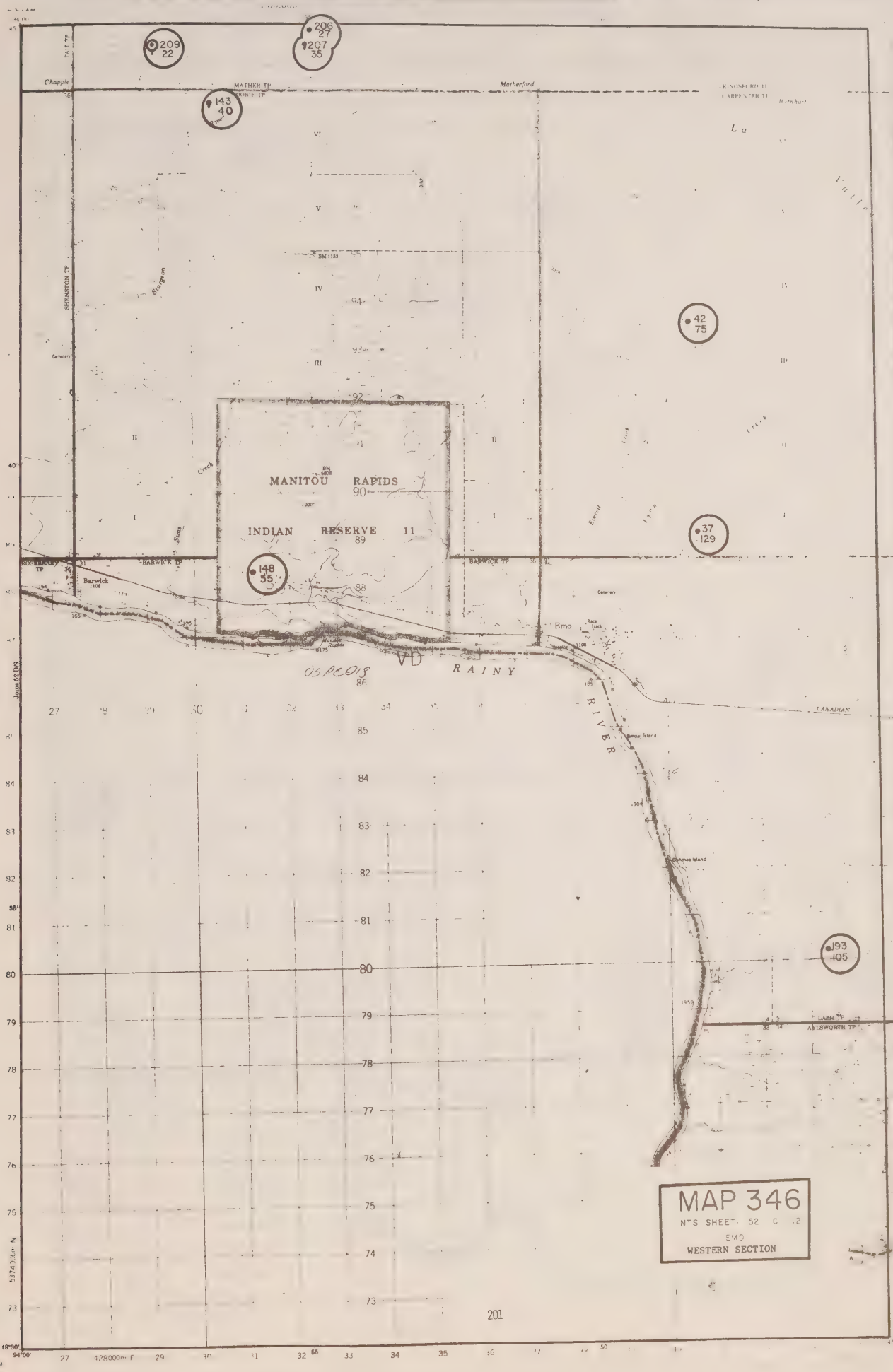






MAP 326
NTS SHEET: 52 A 6
THUNDER BAY
EASTERN SECTION





MAP 346
NTS SHEET: 52 C 12
E.M.O.
WESTERN SECTION

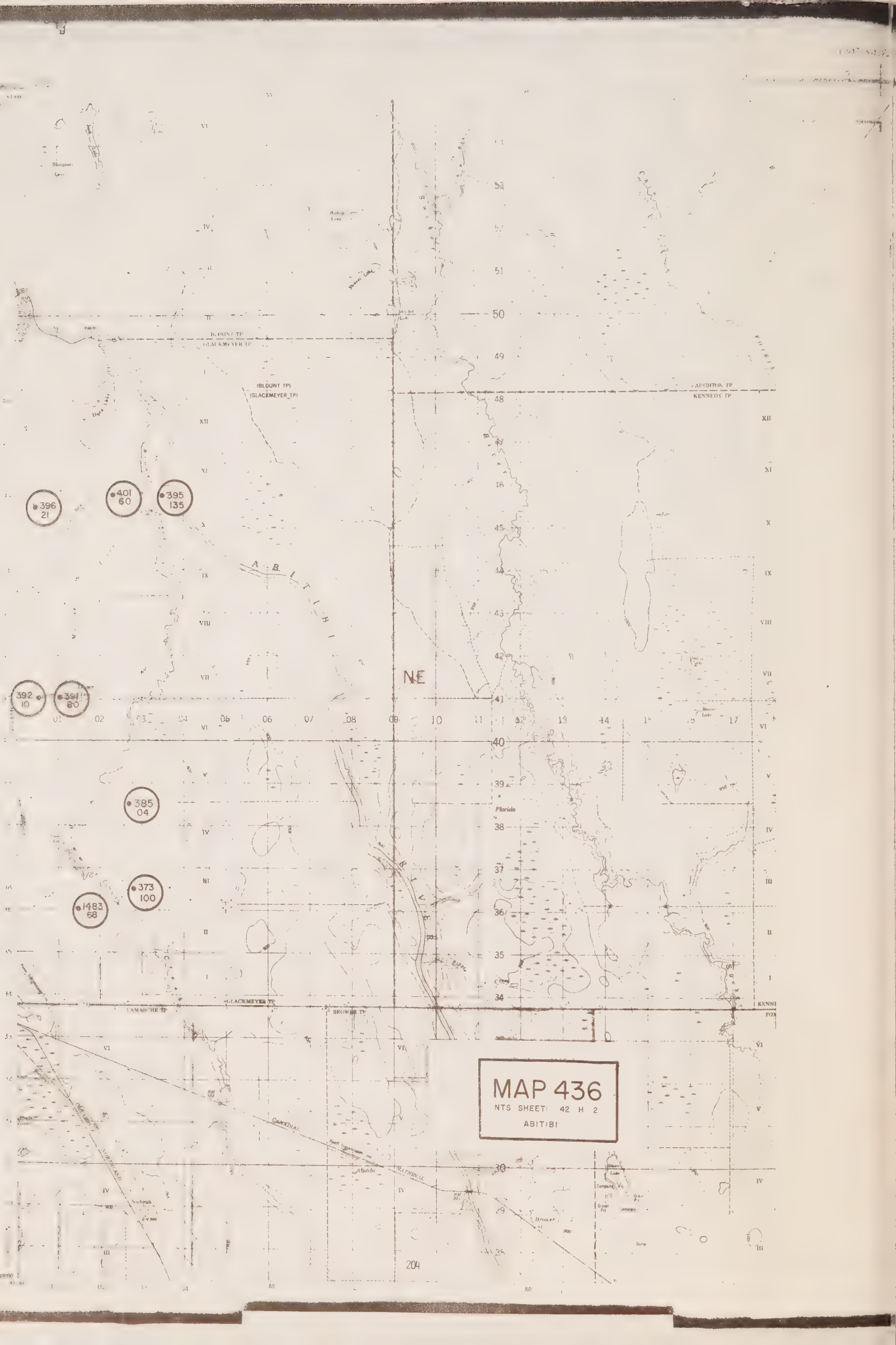




CK
CJ

MAP 356
NTS SHEET: 52 A 10
LOON

THUNDER BAY
LAKE SUPERIOR



396
21

401
60

395
135

392
10

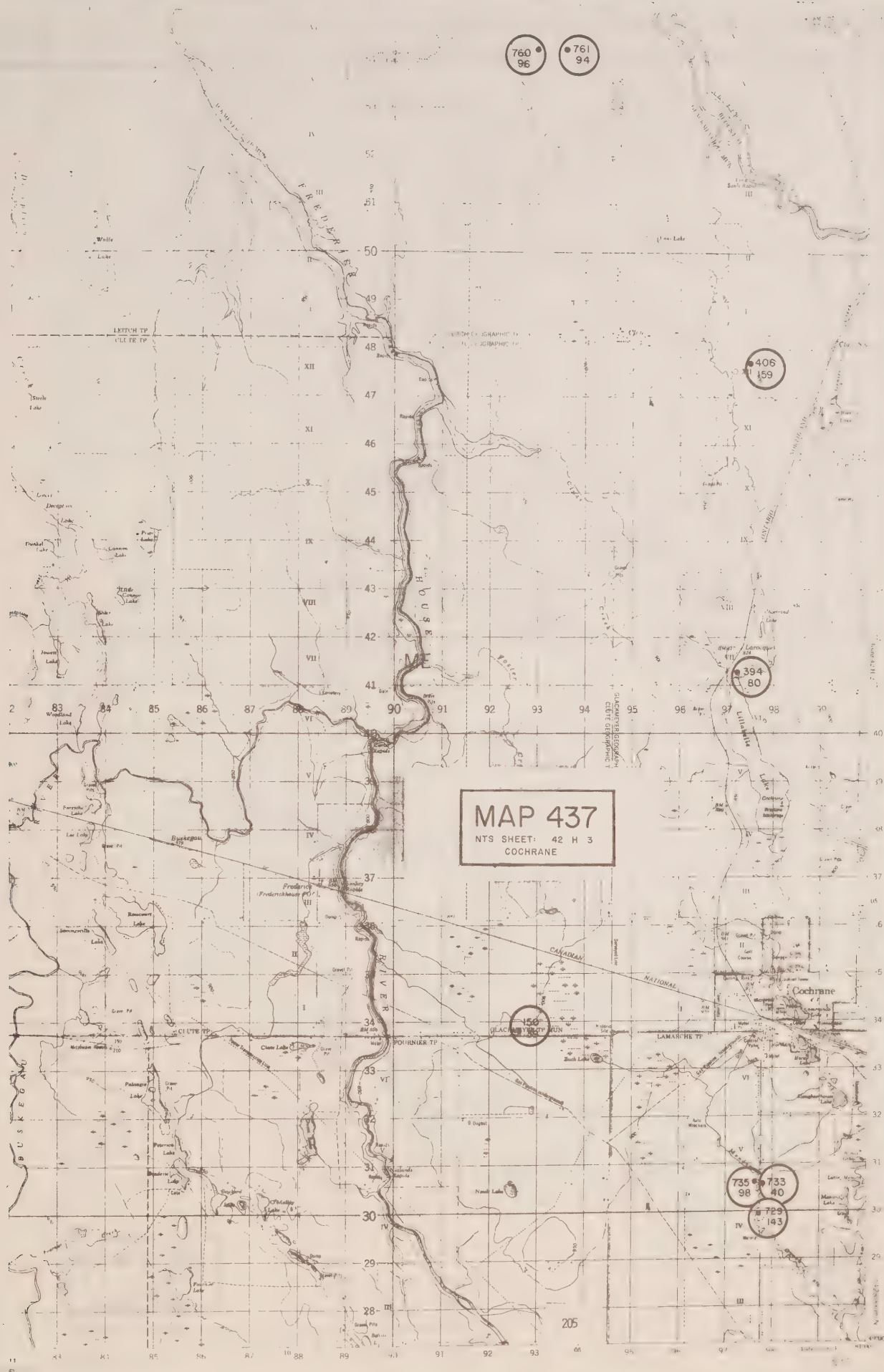
391
80

385
04

1483
68

373
100

MAP 436
NTS SHEET: 42 H 2
ABITIBI



MAP 437
NTS SHEET: 42 H 3
COCHRANE

760
96

761
94

406
159

394
80

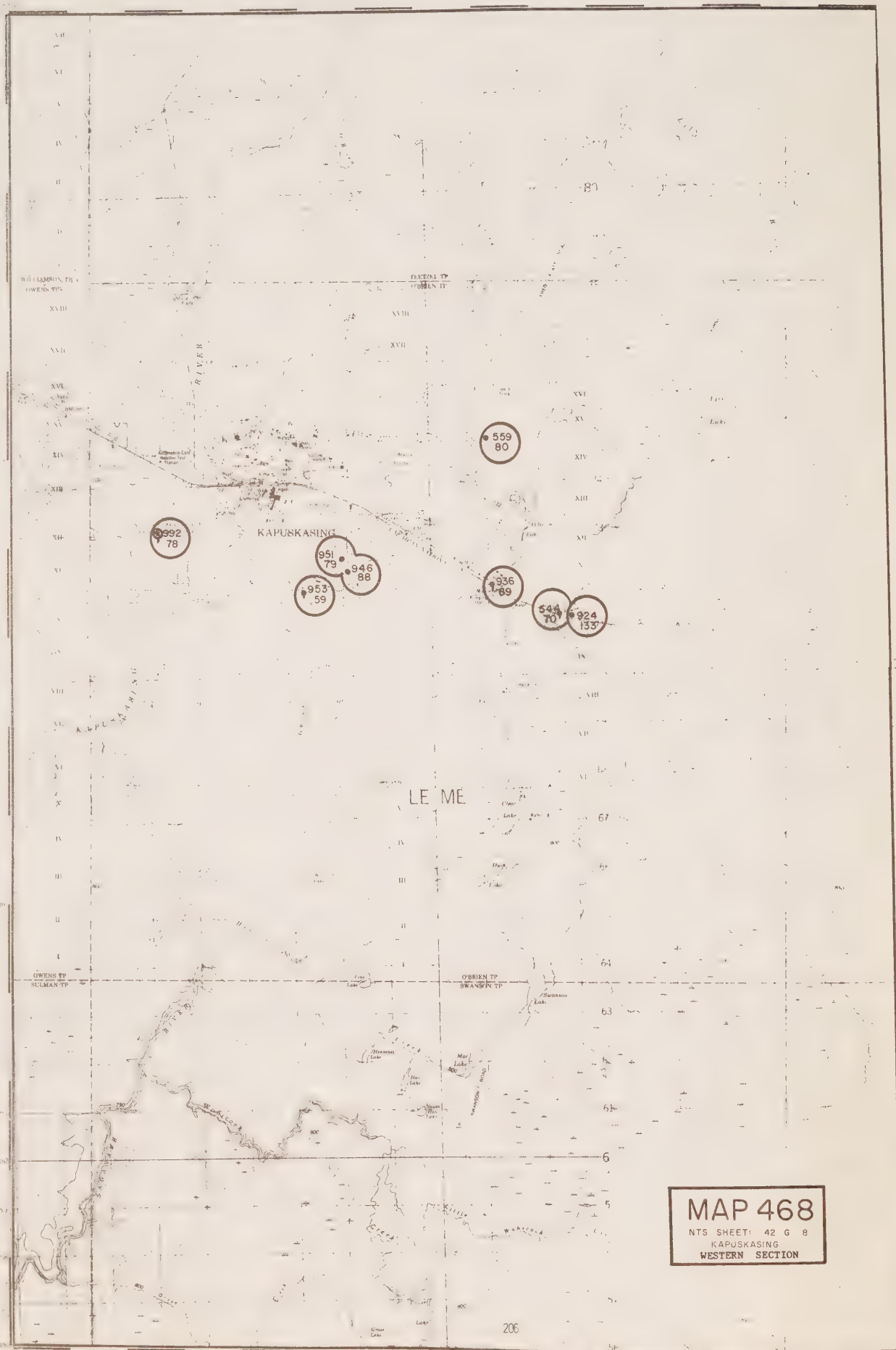
150

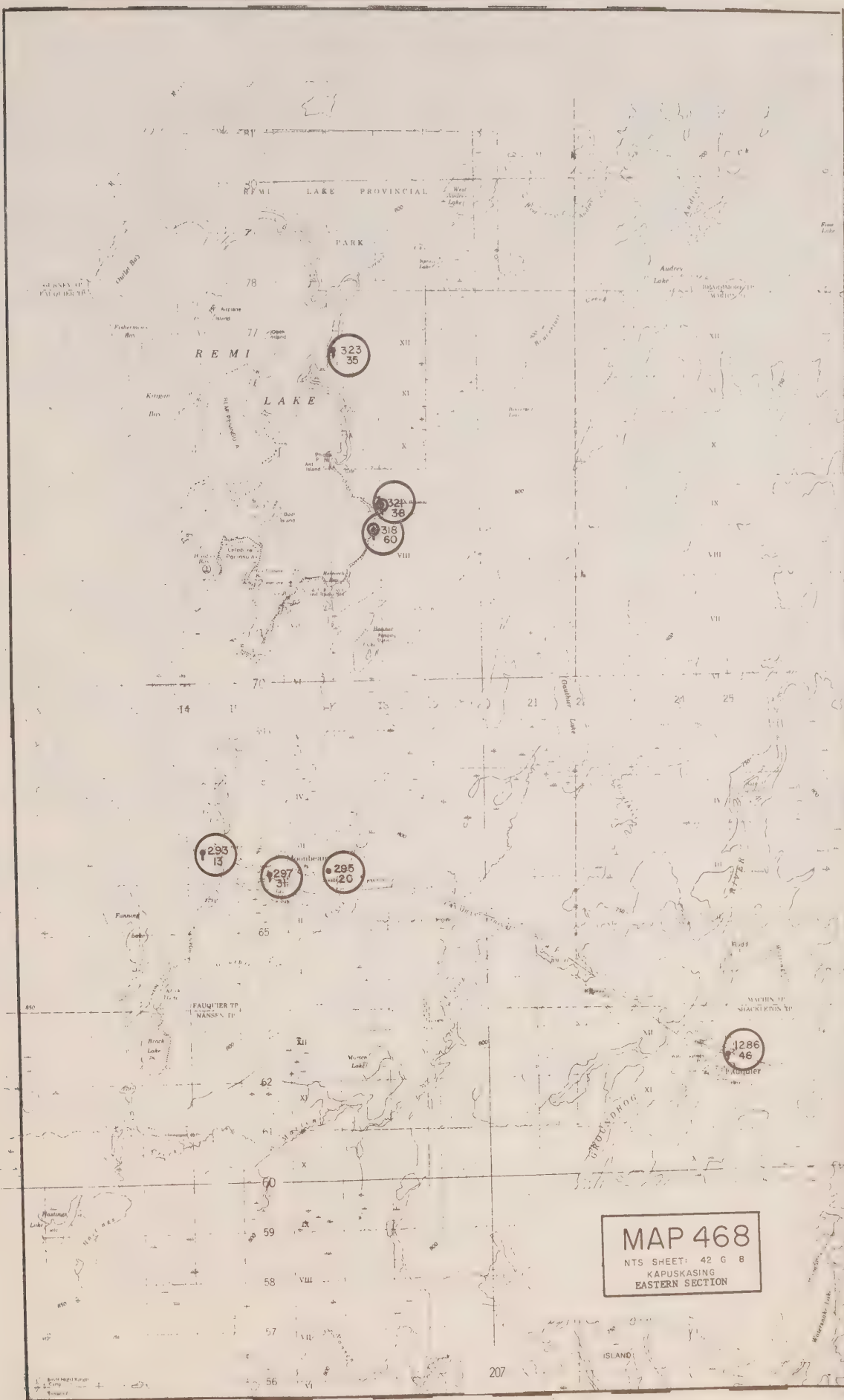
735
98

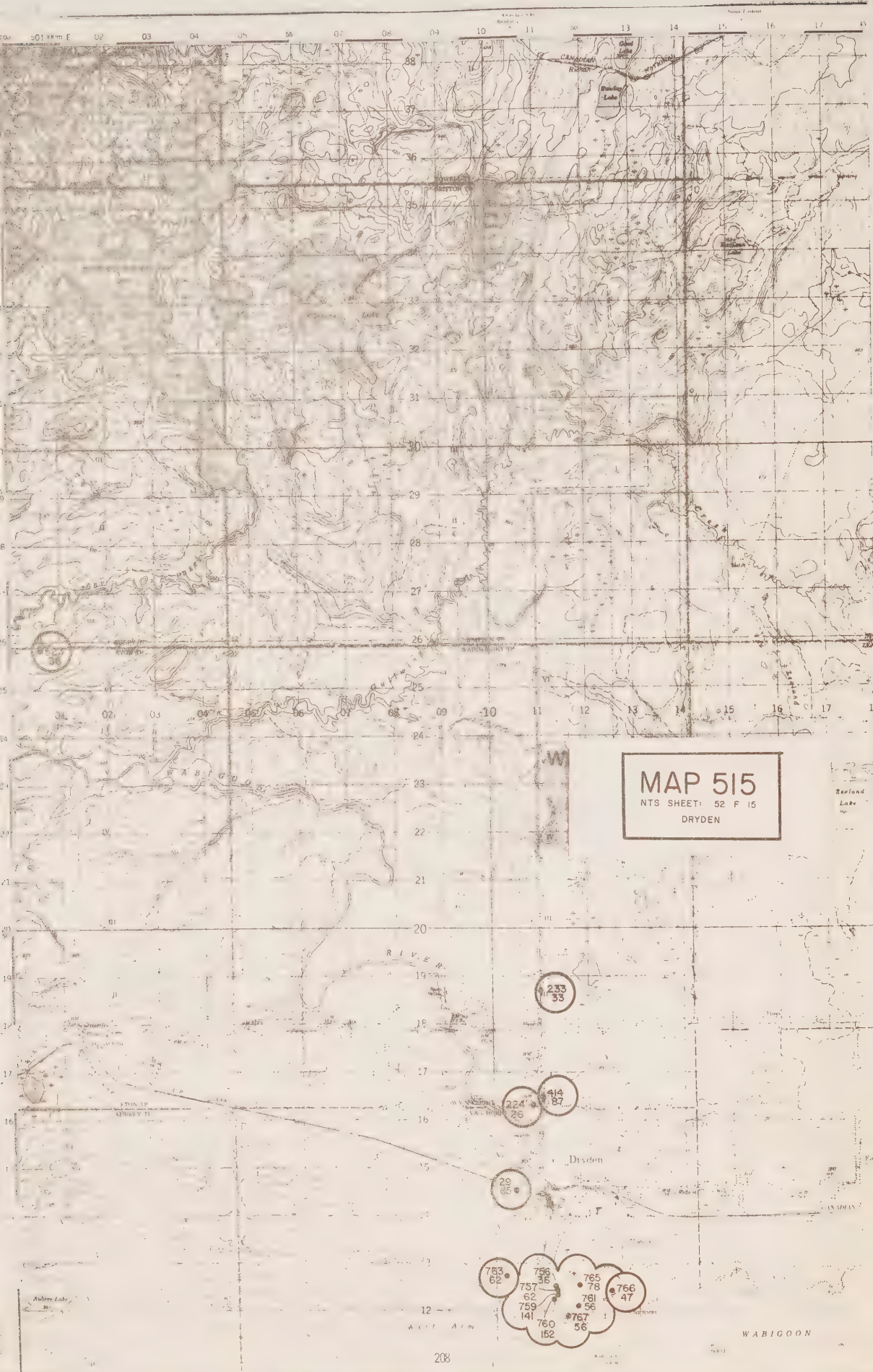
733
40

729
143

205







MAP 515
NTS SHEET: 52 F 15
DRYDEN

Zenland
Lake

233
33

224
25

414
87

29
85

753
62

757
62

759
141

760
152

765
78

761
56

767
56

766
47

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- Water Well Records for Ontario,
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